

August 1967

Rollins College Catalog 1967-1968

Rollins College

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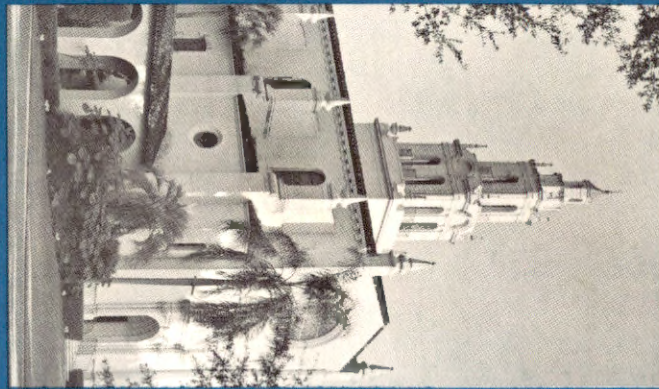
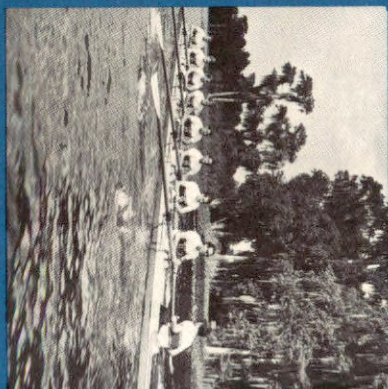
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ROLLINS

ROLLINS COLLEGE BULLETIN 1967-1968 • WINTER PARK, FLORIDA



GENERAL CATALOG

This catalog supersedes all previous issues. The College reserves the right at any time to make whatever changes may be found necessary.

ROLLINS COLLEGE BULLETIN

Vol. LXII

August, 1967

No. 4

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ROLLINS COLLEGE



GENERAL CATALOG

1967 - 1968

WINTER PARK, FLORIDA

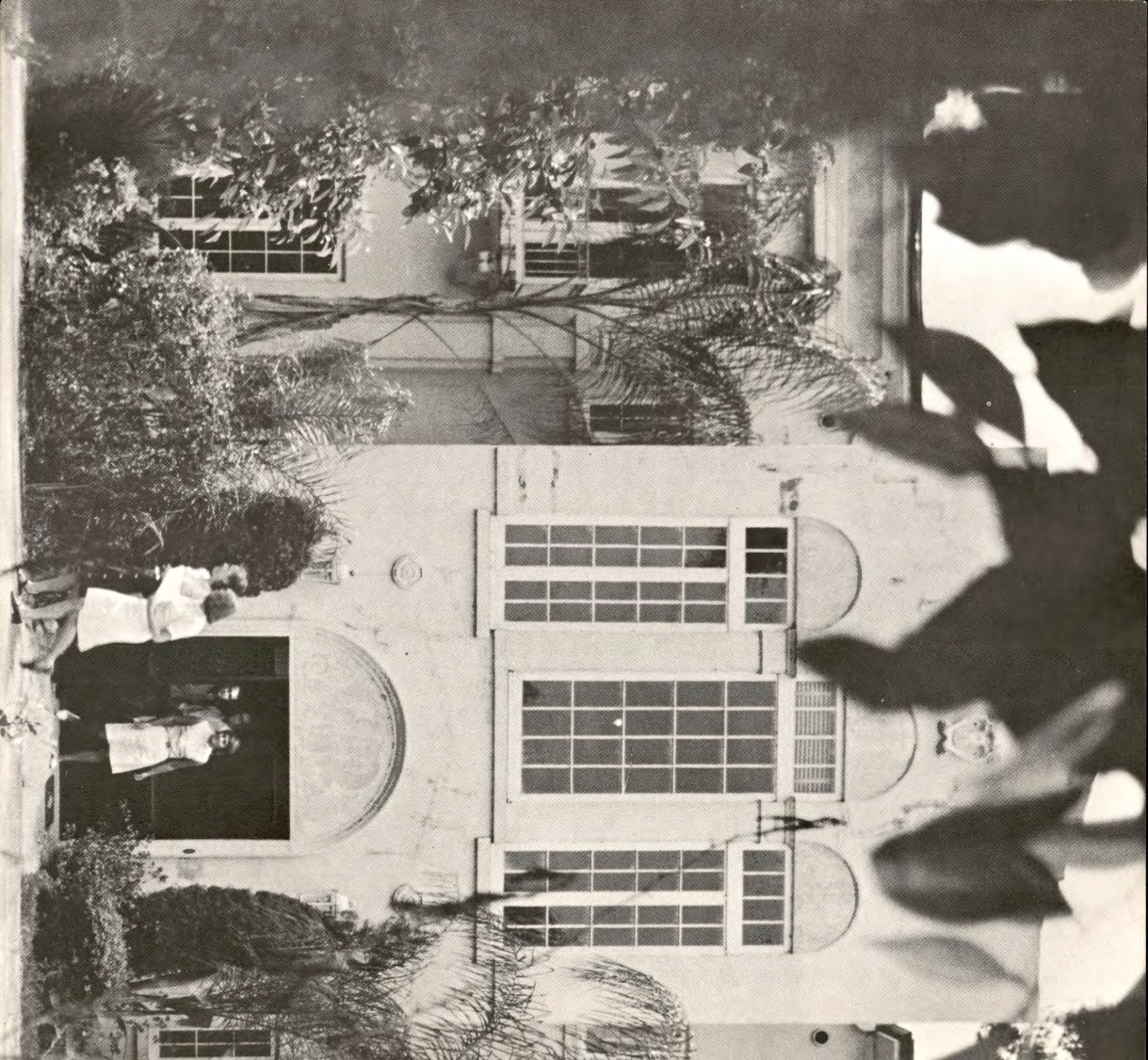




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DIRECTIONS FOR CORRESPONDENCE

THE ROLLINS COLLEGE BULLETIN is the official organ of the College. It includes a statement of purpose, the courses offered, the standards of the College, and a listing of the faculty and administrative staff.

An admissions handbook with preliminary information about Rollins College is made available to all prospective students.

All correspondence to the College should be sent to:

Rollins College, Winter Park, Florida 32789

Admission of New Students
Director of Admissions

Readmission of Former Students
Dean of the College

Admission to Graduate Programs
Director of Admissions

General Information

Secretary to the Administration

Entrance and Transfer Credits

Registrar

Men Students

Personal Welfare and Housing
Dean of Men

Women Students

Personal Welfare and Housing
Dean of Women

Student Finances and Scholarships

Cashier

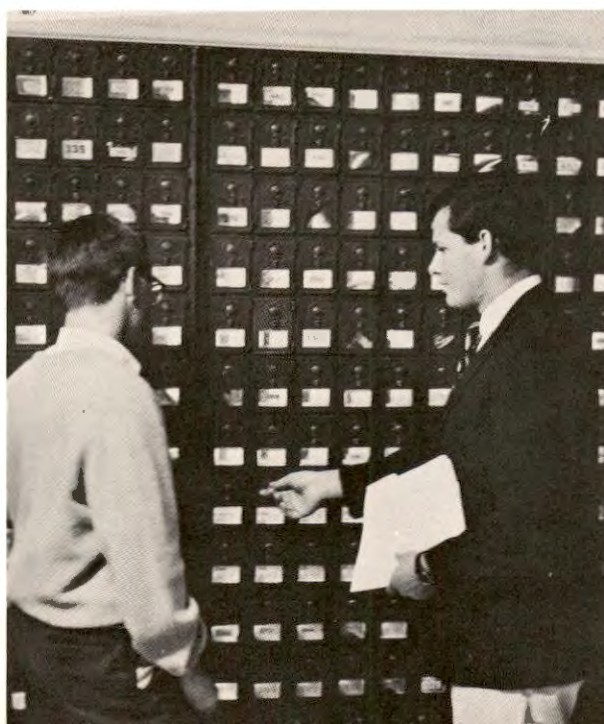
Central Florida School for Continuing Studies

Admission, General Information and Brochures
Director, Central Florida School for Continuing Studies

Alumni Office

*Director of Alumni Affairs, Rollins College
Alumni Association*

Visitors to the College are always welcome. Tours of the campus are provided by the Admissions Office. It is urged, however, that visits be scheduled in advance, especially during the busy Christmas and Spring Holiday seasons. The Admissions Office is open from 9:00 A.M. to 4:00 P.M., Monday through Friday, and from 9:00 A.M. to Noon on Saturday during the school year. Other College offices are open from 8:30 A.M. to 5:00 P.M. Monday through Friday. At any other time members of the Faculty and Administration may be seen by special appointment only.



Rollins College

THE ROLLINS CALENDAR

1967-1968

FALL TERM (Twelve Weeks)

September 17, Sunday

New Students Report to Campus by 5:00 P.M.

September 18, Monday, 5:15 P.M.

First Meeting of the Faculty

September 22, Friday

Registration of Former Students

September 25, Monday, 8:30 A.M.

Fall Term Classes Begin

November 3, Friday

Mid-term

November 22, Wednesday, 1:45 P.M.

Thanksgiving Recess Begins

November 27, Monday, 8:30 A.M.

Classes Resume

December 19, Tuesday

Fall Term Ends, All Scheduled Classes Meet

WINTER TERM (Eight Weeks)

January 8, Monday, 8:30 A. M.

Winter Term Classes Begin

February 2, Friday

End of First Four-Week Session, All Scheduled Classes Meet

February 5, Monday, 8:30 A.M.

Second Four-Week Session Begins

March 1, Friday

End of Second Four-Week Session and Eight-Week Classes, All Scheduled Classes Meet

SPRING TERM (Twelve Weeks)

March 11, Monday, 8:30 A.M.

Spring Term Classes Begin

April 19, Friday

Mid-term

May 30, Thursday

Spring Term Ends, All Scheduled Classes Meet

May 31, Friday, 10:00 A.M.

Commencement

1968-69

FALL TERM (Twelve Weeks)

September 15, Sunday

New Students Report to Campus by 5:00 P.M.

September 16, Monday

First Meeting of the Faculty

September 20, Friday

Registration of Former Students

September 23, Monday, 8:30 A.M.

Fall Term Classes Begin

November 1, Friday

Mid-term

November 27, Wednesday, 1:45 P.M.

Thanksgiving Recess Begins

December 2, Monday, 8:30 A.M.

Classes Resume

December 17, Tuesday

Fall Term Ends, All Scheduled Classes Meet

WINTER TERM (Eight Weeks)

January 6, Monday, 8:30 A.M.

Winter Term Classes Begin

January 31, Friday

End of First Four-Week Session, All Scheduled Classes Meet

February 3, Monday, 8:30 A.M.

Second Four-Week Session Begins

February 28, Friday

End of Second Four-Week Session and Eight-Week Classes, All Scheduled Classes Meet

SPRING TERM (Twelve Weeks)

March 10, Monday, 8:30 A.M.

Spring Term Classes Begin

April 18, Friday

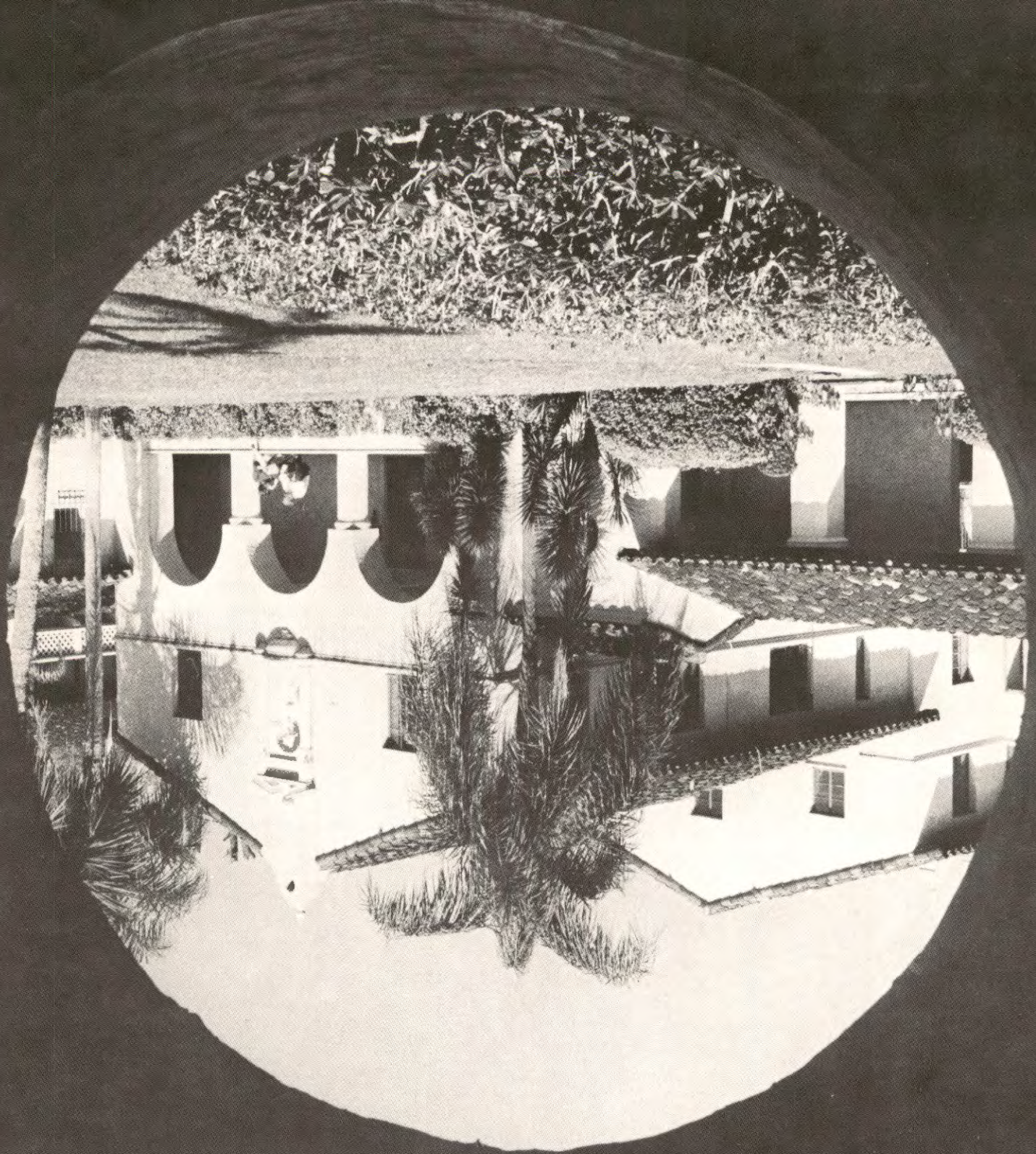
Mid-term

May 29, Thursday

Spring Term Ends, All Scheduled Classes Meet

May 30, Friday, 10:00 A.M.

Commencement



Introduction

BACKGROUND AND MISSION

Rollins College, founded in 1885, offered the first college level work in Florida. Established under the auspices of the Congregational Church, Rollins today is non-denominational, coeducational, and independently supported by income from tuition and investments of friends and alumni. Primarily a four-year undergraduate liberal arts college, Rollins offers graduate study in the Crummer School of Finance and Business Administration and in certain special programs noted on page 17.

Under the leadership of President Hugh F. McKean, the College is dedicated to sound liberal learning for those with the capabilities of leadership. Rollins does not propose an average education for the average student. Its mission as seen by the present administration is that of offering the kind of education which will emphasize the need for a touch of nobility in every one of its students—the kind which does not stop with preparing a student to adjust to life, but prepares him to make needed and worthy adjustments in life. A Rollins education at its best should lead to a life of high purpose and genuine satisfaction.

COMMUNITY AND CAMPUS

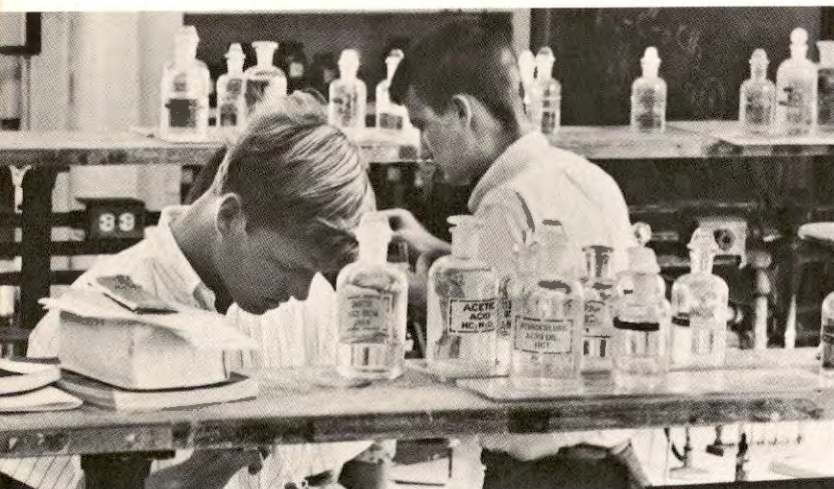
The College is located in the heart of one of the nation's most beautiful communities. The Central Florida area, noted for its cultural emphasis and natural beauty, is becoming an increasingly important center of industry, science, and technology. In response to the needs of this fast-growing area, the College provides special courses for the community through its Central Florida School for Continuing



Studies and evening graduate programs. Those programs also include community courses in creative arts for children and adults and special non-credit courses and lecture series under the school of creative arts; a broad liberal arts program for employed adults which leads to the Bachelor of General Studies and graduate programs in physics, engineering physics, business administration, and teaching. These evening programs provide an educational complex to serve the needs of the Central Florida area.

The Rollins campus comprises 65 acres in Winter Park, a residential community adjacent to the City of Orlando.

Fifty miles from the Atlantic Ocean and 70 miles from the Gulf of Mexico, the campus is bounded by Lake Virginia to the east and south. It is beautifully landscaped and its physical plant emphasizes a traditional Spanish-Mediterranean architecture. Value of the buildings and facilities is approximately \$14,200,000.



ACCREDITATION

Rollins is accredited by and a member of the Southern Association of Colleges and Secondary Schools. It is also a member of the Association of American Colleges, the American Council on Education, the Florida Association of Colleges and Universities, the National Association of Schools of Music, the College Entrance Examination Board, the American Association of University Women, and the American Association of Colleges for Teacher Education.

DEGREES, CURRICULUM, AND MAJORS

The academic program of the College is centered in the basic liberal arts and sciences. Rollins at present confers the Bachelor of Arts, Bachelor of Science, and Bachelor of Music degrees in the regular resident College. Beginning with the entering freshman class in September, 1966, the Bachelor of Arts is the only degree conferred upon graduation, including the Honors B.A.

Rollins offers majors in the following: Art, Behavioral Science, Biology, Chemistry, Economics, Expressive Arts, English, French, German, History and Public Affairs, Mathematics, Music, Philosophy, Physics, Pre-Engineering, Pre-Forestry, Pre-Medicine, Spanish, and Theatre Arts.

A major strength of the Rollins curriculum is the opportunity provided for students to select interdisciplinary majors. The major in History and Public Affairs encompasses the disciplines of History, Political Science, Latin-American Studies, and Geography. The major in Behavioral Science includes Anthropology, Sociology, and Psychology. Expressive Arts, Pre-Engineering, Pre-Forestry, and Pre-Medicine majors are also interdisciplinary in content. Additional interdisciplinary majors are being developed.

The student who selects an interdisciplinary major chooses a field of concentration within the major and explores it in depth, as well as gains an appreciation of its relation to relative fields through the interdisciplinary approach.

Facilities of the music department, an art gallery, and two theatres afford opportunities for both theoretical and applied study.

The freshman year offers interdisciplinary courses in the humanities, social sciences, and the natural sciences and mathematics. A limited number of freshman courses are offered also in the expressive arts, mathematics, and modern languages. During the winter term, freshmen who have satisfied the English composition and language requirements participate in directed individual study courses related to their foundation course work during the fall term.

At the end of the freshman year, students select

their major and satisfy most of the major department requirements during their sophomore and junior years. Interdisciplinary seminars are required during the senior year, in addition to seminars in the major field.

A comprehensive examination is required in the winter term during the senior year, beginning with the graduating class of 1970.

ENROLLMENT

The student body numbers about 1050.

Rollins is international in scope: 42 states, the District of Columbia, and 20 foreign countries are represented in its student body.

ADMISSION

Students are carefully selected on the basis of preparation, character, and potential qualities of leadership. Scholarship help, loans, and work-aid are available for students of proven ability and financial need. All applicants must take the examinations given by the College Entrance Examination Board.

ACTIVITIES

There are honorary, social, religious, athletic, dramatic, musical, literary, linguistic, and scientific organizations on campus. Included are fraternity and sorority chapters of national Greek letter societies. Independent Men and Independent Women welcome all students who are not members of a fraternity or sorority.

Rollins has excellent instruction in sports, but does not offer courses for credit in physical education. Intercollegiate varsity teams compete in baseball, basketball, crew, golf, soccer, and tennis. Intramural sports include archery, basketball, bowling, canoeing, crew, flag football, golf, softball, swimming, tennis, and volleyball.





The College

OBJECTIVES

Founded in 1885 to bring the educational standards of New England to the Southeast, Rollins College today is a vigorous, independent liberal arts college which places the strongest emphasis on teaching and on education planned for the individual.

The college program is aimed at developing the ability to think, write, and speak cogently; and is planned to give the student a broad, integrated knowledge of the basic concepts in methods of physical and behavioral sciences, a lively appreciation of literature and the humanities, and a sensitivity to the expressive arts. Concentrated study in a particular field is a requirement for all students.

Every Rollins graduate has received the kind of education leading to sound values and sensible living. Each has had preparation for leadership in his fields of activity.

Rollins has charted an educational plan centered around these basic objectives:

1. To realize its full potential as a distinctive liberal arts college offering broad, integrated education to those with the capabilities and motivation to become tomorrow's leaders.
2. To enhance its position among the leading private co-educational, non-sectarian liberal arts colleges, in the southeastern United States.
3. To assume a leadership role in those areas indicated by its tradition and inherent strength—in science, economics, public affairs, the arts, and preparation for the professions.

IMPLEMENTATION OF OBJECTIVES

Since the days of President Holt who established the Conference Plan, Rollins has emphasized close teacher-student contact. Under the plan, teachers and students evoke oral and written expression from each other, an activity which leads the student to develop clear standards by which he may judge his own work. As the College moves swiftly toward the future, it wishes to retain this method but not to the exclusion of other worthy approaches to teaching. The new curriculum features, for instance, alternating large lectures with small discussion classes for all freshmen.

Rollins' education emphasizes self-motivation and self-direction in the belief that it is what the student himself does, not what is done to or for him, that counts in the long run.

HERITAGE

Rollins, founded by 13 Congregational churches which were active in Florida in the 1880's, was located in Winter Park because of the citizens of this area and the benefactions of two winter visitors—Alonzo W. Rollins and his brother, George Rollins. From the beginning, the college has maintained an active program of service to the Central Florida community.

The College has enjoyed a succession of dedicated presidents. Edward Payson Hooker (1885-1892); George Morgan Ward (1896-1903); William Fremont Blackman (1903-1915); and Hamilton Holt (1925-1949), all contributed to the advancement of the ideals of quality, highest standards of scholarship, close student-teacher relationships, and innovation in the educational process.

Hugh F. McKean became president in 1951 and his administration has been marked by a series of

developments which have brought the College new distinction.

During this administration, Rollins became the first college in Florida to hold membership in the College Entrance Examination Board.

Realizing that Rollins must be a major force in the rapid public development of the Central Florida area which began to mount in the early 1950's, President McKean encouraged the establishment of the Central Florida School for Continuing Studies and the Rollins Graduate Programs in physics, education, and business which now provide evening programs for nearly 3,000 adults.

More recently a long term faculty study of the curriculum has resulted in an entirely revised plan of study for all students and a newly created Honors Degree program for exceptionally well-prepared and qualified students.



The years under President McKean have seen a doubling in the instructional budget of the college. Endowment funds have more than tripled and now stand in excess of \$6 million. In the period, and as a tribute to the academic excellence of Rollins, the College has received more than \$11 million in voluntary support—more than the total received in the first 65 years of its existence. Rollins College was one of eleven in the Southeast to receive a special accomplishment grant from the Ford Foundation.

While continuing to limit its regular undergraduate enrollment to under 1200, the College has added to both its property holdings and physical plant.

The Roy E. Crummer School of Finance and Business Administration and a new independent men's residence hall were opened in 1966. Presently under construction are the Archibald Granville Bush Science Center, the Enyart-Alumni Field House, and the Charles A. DuBois Health Center. These buildings will double classroom and laboratory facilities and will increase the value of the physical plant by about \$5 million.

THE FUTURE

The general framework within which Rollins will seek its future academic development will remain basically the same as it is today.

While founded by the Congregational Church, Rollins is no longer identified with the Church and receives no support from it. It will continue in this direction, private and independent.

A pioneer in coeducation in the Southeast since its establishment, Rollins will continue to place emphasis on education for leadership for both men



and women. In terms of enrollment, Rollins—while serving its local area and the State of Florida—has always been and will continue to be a national institution.

Rollins is liberal and reasonable in its philosophy and leadership. Not bound by prejudice or provincialism, the College is flexible and will move in directions which are best for the institution, for the needs of American higher education, and for American society in general.

The College, its trustees, administration and faculty have developed a Master Plan for the enrichment of the College through 1975. This plan provides guidelines for academic and administrative leadership for the next decade and into the time of the Rollins Centennial, 1985.

THE BOARD OF TRUSTEES

The governing body of Rollins College is national in scope, strong in leadership, and closely identified with the long-range educational plans of the College. The trustees play an essential role in the building of resources, both through their own investments in the future of the College and through

their national contacts with individuals interested in Rollins and its advancement.

In addition to the trustees of the College several groups are specifically organized to share in the advancement efforts of the institution: The Centennial Commission, the President's Council, the Parents Association, the Museum Association, the Patrons, and the Alumni.

THE CENTENNIAL COMMISSION

The Centennial Commission, composed of distinguished men and women, is a national organization designed to extend the work of the Rollins Board of Trustees to bring the financial resources of the College by 1985 in line with its academic progress and promise.

THE PRESIDENT'S COUNCIL

The President's Council is a group of Central Florida citizens who serve, along with the Centennial Commission, as advisers to the Board of Trustees and Administration in developing community resources essential to the College's long-range enrichment plan.

PARENTS ASSOCIATION

The Rollins College Parents Association is an organization of parents of present and former students dedicated to the general advancement and support of the College. Among its objectives are: (1) To meet at least once a year with College representatives for the purpose of learning about the present and future plans and educational objectives of the College as they may affect the sons and daughters of members. (2) To provide for regional parents clubs where there is a sufficient number of parents and where there is an interest. (3) To provide parents, upon request, with materials useful in helping other young people to decide to become students at Rollins College. (4) To supply information to members to the end that they may become well-informed, enthusiastic supporters of Rollins College. (5) To undertake and support, as a group of members or as individuals, projects which will promote the best interests of Rollins College, its students, and its graduates. (6) To bring about a clear understanding of the importance and place of higher education in our democracy.

ORIENTATION AND GUIDANCE

An extensive and carefully organized program of orientation and guidance is provided for all students.

All entering students assemble at the College a week in advance of the returning students. Each new student is assigned to a small group headed by an upperclassman and a faculty member. In addition to learning about one another, the history and objectives of the College, how to study, and the physical plan of the campus, each student takes a



series of tests prepared by the Educational Testing Service of Princeton, New Jersey.

Each freshman student is assigned to a faculty adviser from the Academic Advisers Committee. This faculty group meets regularly throughout the academic year to discuss individual students' programs and progress, and to shape a consistent and uniform policy.

Each adviser is available for conferences with his student advisees, and attempts to lead each student toward greater acceptance of responsibility in reaching reasoned decisions.

Shortly before the end of his freshman year at Rollins, the student chooses a major. The student then is assigned a professor in the major department to serve as his adviser.

The Student Deans, the College Testing office, and the Health Service provide for counseling of students on problems related to satisfactory adjustment to college.

In addition, in each Residence Hall, members of the Student Deans' Staff assist the freshmen in attaining a successful start in their academic career at Rollins.

BUILDINGS AND EQUIPMENT

The newer buildings on the beautiful semitropical campus are similar in architectural design, marked by a strong Mediterranean influence; twenty-seven have been erected within the last thirty-five years. Among these buildings are the Knowles Memorial Chapel, designed by Ralph Adams Cram; the Mills Memorial Library, the Morse Gallery of Art, the Annie Russell Theatre, the Crummer School, the Sullivan House, the Woolson House, Orlando Hall, the Shell Museum, La Maison Provençale, the Dyer Memorial, the Administration Building, the Rollins Student Center, and the women's residence halls that are connected by a long loggia and are located on one side of the campus. A similar series of men's halls is situated on the opposite side.

New Hall, a residence hall for freshman men, containing 22 units, each with a private entrance and living room, was opened in November, 1962. Eight freshmen and a selected upperclass counselor are assigned to each unit; the building houses 196 students in all.

Rollins believes that this basic residence hall plan represents a significant improvement over other standard designs.

THE MILLS MEMORIAL LIBRARY

The Mills Memorial Library building, presented through the generosity of the Davella Mills Foundation, was occupied in the fall of 1951. On April 1, 1967, the library contained 137,282 cataloged volumes (books and bound periodicals) and 5,910 maps. It receives 575 current periodicals (including 19 newspapers), is a selective depository for U. S. Government publications, and has extensive holdings of recordings, pamphlets, microfilm and microcard materials, and mounted art plates.

The spacious T-shaped, air-conditioned building has two main floors in the public area; a large basement housing the modern broadcasting studios of Station WPRK and a projection studio for the presentation of instructional films, slides, and film strips; and a six-level book stack with a capacity of 170,000 volumes. Five levels are open stacks; the sixth level is closed. It houses the College Archives, the government documents, gifts, duplicates and exchanges, etc. Reading rooms, study carrels, and loggias seat approximately 350. The reference room, with its carefully selected collection of encyclopedias and other reference materials, opens onto a shaded patio. Adjacent to the reference room are an attractive furnished newspaper and periodical lounge and a map and atlas room.

The reserve reading room, the browsing room, and two listening rooms are located on the second floor. The Jessie Rittenhouse, Walt Whitman, Benjamin Franklin, and Constance Fenimore Woolson special collections, the library of the Hispanic Institute, the art reference picture collection, and the phonograph records collection are also on this floor.

The Rare Books and Floridiana Room on the main floor contains valuable titles and manuscripts and an outstanding Florida collection that is noted for its extensive and rare items of Floridiana. The Union Catalog of Floridiana, in the public catalog area, is the most complete index on this subject in existence.

The facilities of the Mills Memorial Library are open to residents and visiting scholars and writers in Winter Park.

Income from endowments amounts to several thousand dollars a year, and this is supplemented by an annual appropriation from the general funds of the College for the library's budget for books,

periodicals, and other expenses. The Rollins "Book-A-Year Club" is made up of friends of the library who have contributed memberships or memorials of \$150 each to the endowment, thus providing in perpetuity one new book each year, bearing the name of the donor. Gifts to the College of private collections and of cash for specific purposes are other valuable sources of library materials.

1620 ELECTRONIC DIGITAL COMPUTER

An International Business Machine 1620 electronic computer system facilitates administrative functions such as admissions, billing, scheduling, and recording of grades, and allows entry into new levels of teaching and research. Significant is the instruction in computer FORTRAN (FORMULA TRANSLATION) programming language provided to students in numerical analysis to allow computer solution of classroom problems.



THE ROLLINS MUSEUMS

The Thomas R. Baker Museum, named in honor of its founder, has scientific collections used in the study of natural science.

The Beal-Maltbie Shell Museum with its famous collection of shells, occupies a specially designed building on the campus. Few objects of nature present the variety of form, design, and brilliant colors found in the myriad shells of the mollusks on display here. Many of the shells are extremely rare.

The Morse Gallery of Art contains probably the finest exhibition in the world of Louis Comfort Tiffany's various art works. The recently remodeled Gallery, first opened in 1942 by Mrs. Hugh F. McKean as a memorial to Chicago industrialist Charles H. Morse, includes thirteen windows in which Tiffany experimented with new techniques. The permanent exhibition also includes the breakfast table and chairs from Tiffany's great Art Nouveau mansion at Oyster Bay, Long Island, and examples of his paintings and work in pottery, silver and jewelry.

The Rollins Museum of Art represents the first step in the development of a comprehensive fine arts center for the College. Located on Interlachen Avenue in the former President's residence (Holt House), the Museum offers a continuing display of art treasures. Among paintings in the permanent College collection are works by Sir Anthony Van Dyck, Tintoretto, Gilbert Stuart, Francesco de Mura, Madame Vigée LeBrun, Lamar Dodd, Anna Mary Robertson (Grandma) Moses, George Inness, Lavinia Fontana and Childe Hassam. One room of the museum is devoted to the Smith Watch Key Collection—one of the most extensive of its kind—

which presents 400 years of history in this aspect of jewelry making. Also on display are leaded stained glass windows by Louis Comfort Tiffany.

The Museum of Living Art is a collection of art of all periods and is dispersed and shown in various buildings of the College.

THE ROY E. CRUMMER SCHOOL OF FINANCE AND BUSINESS ADMINISTRATION

The Roy E. Crummer School of Finance and Business Administration of Rollins College has been established through the interest of Mr. Roy E. Crummer, who donated \$1 million for the purpose of providing the highest quality of professional preparation for future businessmen based upon a solid background of liberal education. The School offers to Rollins students an opportunity to combine education in the liberal arts and training for careers in finance and management in a five-year educational sequence.

INTERNSHIPS AND SCHOLARSHIPS IN CRUMMER SCHOOL

Students from the undergraduate college of Rollins, seeking to enter the two-year Crummer Program at the end of either the junior or senior year may apply for scholarship assistance.

A number of industries and firms have established scholarships and/or internships in the Crummer School. Applications for these scholarships should be made through the office of the Dean of Men or the Dean of the Crummer School.



THE CENTRAL FLORIDA SCHOOL FOR CONTINUING STUDIES

A DIVISION OF ROLLINS COLLEGE

The rapid growth and development of the Central Florida area following World War II brought Rollins College many requests for additional educational services. In 1951, the college introduced an adult evening program, part of which evolved into The Central Florida School for Continuing Studies, a Division of Rollins College.

Open to qualified adults, the School provides a liberal arts program leading to the degree of Bachelor of General Studies.

In addition to the campus adult evening program, the School maintains a branch at Patrick Air Force Base. Professor George Sauté is Director of the Central Florida School for Continuing Studies; George F. Schlatter, Brig. Gen. USAF (Ret.) is Director of the Branch.

Information about admission and descriptive brochures may be secured by writing Professor Sauté or General Schlatter.

THE GRADUATE PROGRAMS OF ROLLINS COLLEGE

Rollins College offers graduate degree programs in the areas of Business Administration, Physics, Engineering Physics, and in Teaching. Descriptive bulletins of the various graduate programs may be secured from the Admissions Office of the College. Admission to any one of the programs is arranged through the Admissions Office.

1. GRADUATE PROGRAMS IN FINANCE AND BUSINESS ADMINISTRATION

a. *The Crummer Program*

The Roy E. Crummer School of Finance and Business Administration, established as a new entity in the Rollins complex by the grant from Mr. Crummer, offers a curriculum leading to the degree of Master of Business Administration. This program, limited to full-time graduate students, provides preparation for financial and industrial management at a professional level. The two-year sequence of study, incorporating modern concepts of financial administration, data processing, automation, and behavioral and management sciences, is designed to permit qualified Rollins College seniors and selected applicants from other accredited colleges to earn the degree of Bachelor of Arts at the end of their fourth year, and the Master of Business Administration degree at the end of the fifth year of college work.

Complete information concerning the Crummer Program is set forth in the bulletin of the Crummer School.

b. *Master of Commercial Science*

This program, under the direction of Dr. Charles A. Welsh, offers to qualified graduates of accredited colleges a curriculum of part-time evening

studies designed to prepare candidates for responsible supervisory and administrative positions in management. The courses leading to the Master of Commercial Science degree include optional concentration in the field of general management and engineering management. The program is accredited by state and regional authorities, and accepted for the training of veterans. Specific entrance requirements and procedures are set forth in the bulletin of the graduate programs.

2. MASTER OF SCIENCE PROGRAM

The College offers a Master of Science program with majors in either Physics or Engineering Physics. This program is under the direction of Dr. John S. Ross, Professor of Physics.

This program is designed to provide a sound working knowledge of advanced physics for both physicists and engineers. Courses are offered in advanced mathematics, analytical mechanics, electromagnetic theory, atomic and nuclear physics, quantum mechanics and solid state physics.

A major in Physics completes a research project and thesis, while a major in Engineering Physics will fulfill the requirements by taking six additional hours of course work.





3. GRADUATE PROGRAM IN EDUCATION

This program, under the direction of Dr. J. Allen Norris, Jr., offers to qualified graduates of accredited colleges curricula leading to either the Master of Arts in Teaching or the Master of Education degree. The Florida State Department of Education has approved the program as a guide to granting the Post Graduate (Rank II) Certificate to eligible applicants.

a. *Master of Arts in Teaching*

This degree is available to the liberal arts graduate who as a part of his undergraduate study did not complete a teacher education program sufficient to enable full certification. The plan of study will include courses in professional education and depth study in the area of teaching specialty.

b. *Master of Education*

This degree is available to the graduate who has completed a teacher education program sufficient to enable full certification. The plan of study will include a major in a professional specialty area and courses in the teaching specialty.

Specific admission requirements and procedures are set forth in the *Bulletin* of the Graduate Program in Education.

HONORS PROGRAMS

Rollins College offers two distinct honors programs, each of which satisfies the needs of a particular category of students:

1. THE HONORS DEGREE PROGRAM, which is designed for academically superior students who are ready to do honors work in their freshman year and are prepared to follow a four-year curriculum leading to a special Honors B.A. degree. Successful candidates in this program graduate with a pass, *cum laude*, *magna cum laude* or *summa cum laude*.

2. THE HONORS AT GRADUATION PROGRAM, which is designed for students who are qualified and willing to begin honors work in their junior year. Students in this program read for the normal degree but may graduate with distinction, high distinction, or highest distinction.

THE HONORS DEGREE PROGRAM

This program has the following main objectives:

- a. To provide an intensive liberal arts education.
- b. To ensure a solid preparation for graduate training.

Freshmen are invited to enter the program towards the end of the Fall term on the basis of their high school records, performance in college and an interview with the Honors Committee. Experience has shown that the student who is best suited for the program is one who enjoys academic work, is able to work on his own, has a fairly clear idea of his field of specialization before entering the program, and intends to go on to graduate school.

The Honors B.A. degree is at present being offered in the following fields: biology, chemistry, economics, English, French, government, history, mathematics, philosophy, physics, psychology and sociology. The program has its own graduation requirements, a distinctive curriculum, and its own specialist academic advisers.

Curriculum

The curriculum is designed to add greater depth in the major field and more advanced independent work to the interdisciplinary emphasis of the normal program. These features are provided in the following manner:

1. DEPTH IN THE MAJOR FIELD

Students are required, in addition to satisfying the major field requirements for the normal degree, to take two graduate level courses in the field, pass a comprehensive examination, and complete a research project with its associated thesis.

2. INDEPENDENT STUDY

All students in the program follow a four-year, planned, independent study sequence having a systematically increasing level of difficulty and a decreasing level of supervision.

3. INTERDISCIPLINARY COURSES

All participants are required to take the freshman- and senior-level interdisciplinary courses which are offered in the normal program. For the Freshman Humanities Foundation Course, honors students are assigned to a special honors discussion section.

Graduation Requirements

To graduate from the honors degree program, candidates must satisfy course, grade, credit, ex-

amination and residence requirements. The course and examination requirements have already been stated; the grade and credit requirements follow:

A. GRADE REQUIREMENTS

The following table lists the grade requirements students must attain to earn the honors degree and to graduate *cum laude*. Graduation *magna cum laude* and *summa cum laude* are at the discretion of the Honors Committee.

Requirement Areas	Cum	
	Laude	Pass
a. Cumulative Average	10.50	9.50
b. Comprehensive Examination	B+	B-
c. Research Project	B+	B-
d. Individual Study Average	10.00	9.00

B. CREDIT REQUIREMENTS

Courses	Credits
1. <i>Interdisciplinary Courses</i>	
a. Foundation (Humanities)	12
b. Foundation (Social Sciences)	12
c. Foundation (Natural Sciences)	12
d. Divisional Integrating Seminar	12
e. Interdivisional Seminar	12
2. <i>Independent Study</i>	
a. Directed Honors Project	6
b. Independent Study (Sophomore)	6
c. Advanced Independent Study	12
3. Research Project	12
4. Major Field Requirements*	54
5. Electives	30
Total	180

* 6 credits of independent study will be used to make this a total of 60 credits.



THE HONORS AT GRADUATION PROGRAM

A student in the normal degree program who is deemed by the Honors Committee capable of graduating with honors is invited at the end of the second term of his junior year to participate in the Honors at Graduation Program. If he accepts this invitation, he is required to prepare a plan of independent study with the aid of his major department and, when this is approved, is required to start work on it not later than the beginning of the second term of his senior year.

This independent study culminates in the writing of a thesis which must be presented to the Dean of the College within six weeks after the beginning of the final term of the student's senior year. It must be typewritten, with an original and two carbon copies. The original, if approved, is eventually filed in the college library; one copy goes to the department files and the other is returned to the student.

After the thesis is submitted for approval, the student is examined orally on it by a Special Committee appointed by the Dean of the College, which consists of members of his major department and at least two members of other departments. One or more members of the Honors Committee will be present at this examination.

This independent study carries a maximum of twelve hours of credit during the senior year.

Seniors participating in the Honors at Graduation Program are designated at graduation as follows:

GRADUATION WITH DISTINCTION—A cumulative average of 10.00 and recommendation of the Honors Committee.

GRADUATION WITH HIGH DISTINCTION—A cumulative average of 10.50 and recommendation of the Honors Committee.

GRADUATION WITH HIGHEST DISTINCTION—A cumulative average of 11.00 and recommendation of the Honors Committee.

A student who has not done independent study for honors but whose general average is high may be awarded his degree with distinction. The requirement for this honor is an average for all courses of not less than 11.00.

HONORS AND PRIZES

THE ACADEMY OF AMERICAN POETS POETRY PRIZE of \$100 may be awarded annually for the best poem or group of poems submitted during the year by a Rollins undergraduate. The award, which is administered by the English Department, is made possible by a bequest from the late Mrs. Mary Cummings Eudy, a former member of The Academy of American Poets, who made similar bequests to nine other universities and colleges.

THE THOMAS R. BAKER MEMORIAL PRIZE may be awarded to the junior student at Rollins who has maintained the highest scholarship record in the study of Chemistry.

THE RALPH LYMAN BALDWIN AWARD of \$50 and a medallion may be given to the graduating major in Organ or Composition who is deemed by the music faculty as most worthy of the honor.

THE CHI OMEGA SOCIAL SCIENCE AWARD of \$25 is presented by the Upsilon Beta Chapter to the woman in the graduating class with the highest scholarship record in the fields of History, Sociology, Psychology, or Political Science.

THE J. GORDON CLERK TROPHY was donated in 1945 by Mrs. J. Gordon Clerk in memory of her husband who was killed in action in World War II. A cup is awarded to the men's group with the greatest number of points in athletics at the end of the sports year. Points are given to varsity athletes and for intramural competition. Permanent possession is granted to any group winning the trophy for three consecutive years.

THE NINA O. DEAN LIBRA GROUP LEADERSHIP AWARD is presented annually by the Order of the Libra, women's honorary group, to the women's social group that is outstanding in campus leadership as it exemplifies Libra's balanced life ideal.

THE DECOURCY MUSIC PRIZE of \$50, established in 1965 by Mr. and Mrs. William E. Decourcy, may be awarded annually to the outstanding student, preferably a senior, in the Department of Music.

THE LECOMTE DU NOUY ESSAY PRIZE may be awarded annually to the Rollins student who submits the best essay on a subject covered by the works of the late Lecomte du Nouy. The prize consists of income from a \$3,000 fund established for this purpose.

THE HOWARD FOX LITERARY PRIZE is furnished from the income of a \$5,000 fund given by the late Howard Fox of New York City in honor of his lifelong friend and former Rollins College president, Hamilton Holt. This prize is offered for the best piece of literature produced by a student at Rollins College, considered on the basis of originality, human interest, and craftsmanship.

THE GAMMA PHI BETA SORORITY ECONOMICS PRIZE is offered to the senior woman who has earned the highest scholarship record in Economics or Business Administration. The object of this prize, which is awarded at commencement time, is to create interest in these fields among women students.

THE BARBARA S. GOLDNER SCHOLARSHIP AWARDS are awarded annually at final Honors Day on the basis of the best overall academic average of the pledge classes for the term in which they were pledged. Separate awards are presented to the best men's and women's pledge class. These awards were created by the class of 1962, in memory of the late Barbara S. Goldner.

THE GEORGE CHANDLER HOLT SCHOLARSHIP TROPHY was established in 1958. It is awarded annually at an all-College convocation to the fraternity that maintained the highest academic average during the preceding school year.

THE ARTHUR KNOWLES HUTCHINS MUSIC AWARD of \$100 was established in 1957 by James O. Hardee for the encouragement of and assistance to scholarship students majoring in music who have shown outstanding personal and musical development, achievement and promise.

THE INTRAMURAL TROPHY is awarded annually to the men's group with the greatest number of points, in intramural competition only. This trophy becomes the permanent possession of any group winning it for three consecutive years.



WOMEN'S INTRAMURAL TROPHIES are awarded annually. Permanent possession is granted to any group that wins a trophy for three consecutive years.

Archery—presented by Pi Beta Phi.

Basketball—presented by Alpha Phi.

Golf—presented by Kappa Alpha Theta.

Softball—presented by all social groups.

Sportsmanship—presented by Alpha Phi.

Swimming—presented by Chi Omega.

Tennis—presented by Kappa Kappa Gamma.

Volleyball—presented by Gamma Phi Beta.

THE WALTER B. JOHNSTON MEMORIAL AWARD of \$50, established in 1959 by the Student Council, may be given annually to an outstanding premedical graduating student whose record and character indicate his life will be devoted to the ideals of the former Rollins College physician.

THE KAPPA KAPPA GAMMA SCHOLARSHIP TROPHY was established in 1959. It is awarded annually at an all-College convocation to the sorority that maintained the highest academic average during the preceding school year.

THE PETER MACNEIL MEMORIAL AWARD was established in 1964 by the Chapel Choir as a result of a gift from Mr. and Mrs. John MacNeil in memory of their son. The Award in the form of a medallion may be presented annually to a freshman student in the Choir who best exemplifies Peter's character, idealism and devotion to music, particularly to church music.

THE O'BRIEN INTRAMURAL TROPHY, donated by Mr. Neill O'Brien of Winter Park in 1946, is awarded to the women's group that has the greatest number of points at the completion of the intramural sports season. Permanent possession is granted if the trophy is won three consecutive years.

THE ODK LEADERSHIP TROPHY is awarded by the Alpha Iota Circle of Omicron Delta Kappa, honorary fraternity, to the men's group that has the best composite record of achievement and leadership in scholarship, student government, social and religious affairs, athletics, publications, speech, music, drama, and other arts.

THE PHI MU ATHLETIC AWARD may be presented annually by the Phi Mu Fraternity to the outstanding senior woman athlete.

THE PI BETA PHI DRAMATICS PRIZE is given by the Pi Beta Phi Fraternity for the greatest improvement made by a student in Theatre Arts.

THE PI GAMMA MU HONOR MEDAL, established in 1956 by Florida Delta Chapter of Pi Gamma Mu, may be awarded annually to an outstanding senior in the Social Science field.

THE COLONEL RICHARD C. PLUMER MEMORIAL AWARD is given annually to a student of business law who is outstanding in the qualities represented by Richard C. Plumer: scholarship, integrity of mind, humbleness of soul, and rendered service to his fellow men in a spirit of kindness and dignity. The award is the income from a fund created by the Class of 1954 in memory of Colonel Plumer.

THE CHARLES HYDE PRATT CREATIVE WRITING AWARD of \$50 is available for annual presentation to a Rollins student outstanding in creative writing.

THE MARIE RACKENSBERGER PRIZE FOR EXCELLENCE IN SPANISH, established in 1966, is a dictionary, "Pequeno Larousse Ilustrado," which may be presented annually to an outstanding junior Spanish major recommended by the Spanish Department.

THE GENERAL REEVE AWARDS FOR SCHOLARSHIP, established in 1945 by the late General Charles McCormick Reeve in recognition of high scholastic



standing, are awarded at graduation each year to the five seniors who have maintained the highest scholastic record during their last three years at Rollins.

THE GENERAL REEVE CONTEST offers annually six prizes of \$75 each to Rollins men students who compose the best original essays. The contest is made possible through the generosity of the late General Charles McCormick Reeve of Minneapolis and Winter Park. The subjects for these essays are chosen by a committee of the faculty. The six winning essays are delivered by their authors at a public meeting of the members of the College. The author who, in the opinion of specially selected judges, has most effectively composed and delivered his material will be given the Hamilton Holt Award of \$50.

THE ROLLINS DECORATION OF HONOR was established by the Board of Trustees on February 22, 1935, and the first award was made to Dr. Hamilton Holt, president of Rollins. The decoration is awarded to alumni, trustees, members of the faculty or administrative staff, or friends of the College in recognition of distinguished contribution to the progress of Rollins.

THE SIGMA XI AWARDS. The Sigma Xi Club of Rollins College authorizes the science faculty to select each year an outstanding senior Science student for the Sigma Xi Award. This award is used in the pursuit of postgraduate or professional school studies.

An additional award is presented each year to the junior Science major who, in the opinion of the science faculty, is most deserving of recognition.

THE FRED STONE AWARD is for excellence in work done in the Fred Stone Theatre, in acting, directing, or designing. The recipient's name is engraved on a trophy which remains permanently in the Theatre Arts Department. This trophy was presented many years ago to Mr. Fred Stone by his admirers in the professional theatre. After his death it was given to the Fred Stone Theatre. The first award of this trophy was made in the academic year 1959.

THE ALGERNON SYDNEY SULLIVAN AWARD. In 1925 the New York Southern Society established the Algernon Sydney Sullivan Award. This award, in the form of a bronze medallion, is intended to perpetuate the memory of its esteemed founder. It is designed to recognize and encourage in others those same principles of love and service to mankind that were his dominant characteristics.

Rollins College has the honor of being one of the limited number of institutions chosen to bestow this award. It may be given each year to not more than one man and one woman of the graduating class, and to one other person who is not a student of the College.

The recipients of the award are chosen by the faculty of the College. In the selection of the recipients, "nothing shall be considered except the possession of such characteristics of heart, mind

and conduct as evince a spirit of love for and helpfulness toward other men and women!"

The first award of the Algernon Sydney Sullivan Medallion by Rollins College was made in 1927 to Irving Bacheller, the distinguished novelist.

THE THETA ALPHA PHI FRESHMAN AWARD is a prize given by the Rollins chapter of this national honorary dramatic fraternity to the first-year man and woman doing outstanding work as actors or technicians in the Theatre Arts Department.

THE THETA ALPHA PHI SCHOLARSHIP AND ACHIEVEMENT AWARD of \$100 is available annually to an upperclass student majoring in Theatre Arts who has maintained a high academic average and has also participated actively in the theatre program.

THE TIEDTKE AWARD is a gold medal given by Mr. John Tiedtke to a student who has shown outstanding achievement and progress in the Fine Arts.

THE WILLARD WATTLES ENGLISH AWARD is a book presented by the Rollins Key Society to the junior English major with the highest over-all academic average.

THE ROLLINS STANDARD

GENERAL POLICIES OF THE ROLLINS CODE OF STUDENT CONDUCT

- A. Rollins College is dedicated to the kind of liberal arts education which fosters the personal and social development of the individual as much as his intellectual achievement. It is therefore a basic aim of the College to provide an environment which will help students to develop into mature, responsible adults. This Code of Student Conduct and the Student Government both make vital contributions to forming such an environment.
- B. The College expects all students to obey the laws of the local community, the state and the nation, as well as the College law. In case a student violates a community, state or national law, the College will not request special consideration for him because of his status as a student. Violators of College law are liable to disciplinary action by the Student Courts.
- C. A Student cannot be tried by a Student Court for violating a community, state, or national law unless the violation of College law is involved. If he is charged and convicted by a civil court, however, he may be subsequently tried by a Student Court for any damage he may have done to the reputation of the College.
- D. No officer of any recognized campus group may use his (or her) official position in any way to aid or encourage the members of his (or her) group to violate any local community, state, or national law.



- E. All student conduct should adhere to the principles of safety, thoughtfulness, consideration of others, suitability, and decorum.

CONDUCT OF STUDENTS

It is a part of the Rollins tradition that the learning which takes place on the campus through our classrooms, our religious activities, our social functions, and all other opportunities for interpersonal and intellectual relations is of utmost concern to the College.

The Faculty has been entrusted and charged by the Board of Trustees with all matters pertaining to the order, instruction, discipline, and curriculum of the College. It is responsible for the maintenance of good order and discipline within the student body, and for the authorization and enforcement of needed rules and regulations. The Faculty, in turn, has delegated certain of these responsibilities to the Dean of the College, the Student Deans, the Rollins Student Association, and the Student Courts.

The possession or use of alcoholic beverages by minors is illegal in Florida. Possession or use of alcoholic beverages is expressly forbidden on the Rollins Campus. Intoxication or disorderly conduct by Rollins students is not permitted.

No firearms of any kind are allowed on campus.

As part of the over-all educational program on the campus, students assume responsibility both for group and for individual behavior. Any student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts, or because of his general attitude, may be warned, placed on probation, advised to withdraw, be suspended, or be dismissed from Col-

lege as the conditions warrant, either by the Faculty, the Student Deans, or by the Student Courts.

STUDENT GOVERNMENT

All regularly enrolled undergraduate and Crummer students pay the Student Association fee and become members of the Student Association. Evening students are not eligible. The activities of the Association are administered by the students, with the cooperation of the administration and faculty of the College. The purpose of the Association is the management of publications and other student activities, and the promotion of self-government.

A student to be eligible to hold elective or appointive positions on the Rollins campus must maintain a 6.0 (C) cumulative grade average.

SOCIAL PROBATION

A student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts or general attitude may be placed on social probation by the Student Courts.

While on social probation, a student must comply with restrictions outlined by the Student Courts or by the Student Deans.

MARRIAGE

In order to remain in good standing at Rollins College, students planning to be married will advise the Student Deans and have the consent of their parents (if they are not of legal age) prior to the wedding. The College discourages elopement. It is not responsible for refunding any portion of the boarding charge to students who become day students because of marriage during the academic year. The College does not operate housing facilities for married students.

RESIDENCE HALL AND DINING ROOM REGULATIONS
The Board of Trustees has adopted the following requirements for College residence halls and the dining hall:

1. Every regularly-enrolled undergraduate student is required to live in one of the College residence halls and to board at the College dining halls unless specific approval is obtained from the Student Deans.

2. Since regularly-enrolled undergraduate students must live in College residence halls, a student may not maintain an apartment or domicile off campus without written approval of the Student Deans.

3. Alcoholic beverages may not be served in residence halls or on other College property.

4. College residence halls and the dining hall are closed during the Christmas holidays.

5. Students are not allowed to have pets in College residence halls or on the College campus.

6. Graduate students may reside off campus, provided that they receive the specific approval of the Student Deans.

Regulations 1 and 2 do not apply to students who live at home with their parents, and commute.

RESERVATION OF ROOMS

When the April 15 payment is received from a returning boarding student, a room is reserved for him. If a student fails to meet the deadline of payment of his reservation fee, the College is not obligated to allow the student to return for the following academic year.

Information concerning the reservation and assignment of rooms for freshmen is covered under Student Expenses, page 39.

All rooms are furnished with single beds, dressers, study tables, and chairs. All other furnishings

must be provided by the occupant. Each resident is held responsible for the condition of all equipment in his room. Unusual damages or expenses are assessed against the student responsible.

A fee of \$20 per academic year is charged to all boarding students for linen rental service. This includes the issuance of two sheets, one pillow case, three bath towels, and one face cloth per week. All boarding students are required to use the above service.

AUTOMOBILE REGULATIONS

Students at Rollins College are allowed to own and maintain automobiles with the permission of their parents and under the following regulations:

1. Freshmen students, except day students, are not permitted to maintain or operate automobiles in Orange County during their first year. Exceptions may be granted by the Student Deans.

2. No student is allowed to operate or maintain a motorcycle or motor scooter while enrolled at Rollins College.

3. Every approved automobile must be licensed, and the owner is required to purchase a Rollins decal, which will be issued by the Student-Faculty Traffic Committee upon submission of vehicle registration. The decal must be applied to the front windshield of the vehicle. All drivers are obliged to have a valid driver's license before getting a decal.

4. Every campus student's automobile must carry personal liability and property damage insurance. All accidents and cases of reckless driving must be reported to the Student Deans.

5. The Student Deans reserve the right to revoke any student's privilege of having an automobile on the campus.



Careers through Rollins

An excellent foundation for advanced study may be acquired at Rollins College in behavioral science, biology, chemistry, economics, English, foreign languages, history, mathematics, philosophy, physics, and public affairs. Rollins courses provide an equally excellent background for teaching in a college or university, or entering a specialized career in research, public service, or industry.

Cooperative agreements between Rollins College and certain universities make it possible for students *to shorten the time of preparation* when their academic ability and performance meet the requirements of the professional school concerned. This is an advantage for the student who wishes to have a *liberal arts foundation for his later specialization*. Such a foundation is preferred by employers, and is recommended by many professional schools in technical and professional areas.

BUSINESS ADMINISTRATION

THE ROY E. CRUMMER SCHOOL OF FINANCE AND BUSINESS ADMINISTRATION

The Roy E. Crummer School of Finance and Business Administration offers to Rollins students interested in business careers unique opportunities to pursue three years of liberal arts education, followed by a two-year program of training for management. Qualified students may apply for admission to the Crummer Program at the end of their junior year at Rollins. Those students admitted to the program devote their senior year to a prescribed group of subjects, and receive the de-



gree of Bachelor of Arts at the end of their senior year. Successful completion of an additional year of study at the graduate level in the Crummer Program makes possible the attainment of the Master of Business Administration degree at the end of the fifth year of college work. This "3-2" combination of undergraduate and graduate work thus maximizes the recognized career values of both liberal arts education and management training for the student seeking a career in finance and industry, while shortening by one year the time generally required to obtain both a Bachelor's and a Master's degree in business administration. Graduates of other colleges may be accepted in the Crummer Program. Two years of study will be required to obtain the Master's degree.

The program of the Crummer School is based upon the concept that professional-level education for financiers and managers must build, upon the foundations of liberal arts and traditional managerial skills, the understanding required to cope with the demands of a new phase in the evolution of

enterprise. To manage effectively in an era of dynamic technology, highly competitive corporate entities, and rapid social and economic change, the new generation of managers must have a forward outlook. These men must possess finer comprehension of the fundamental managerial uses of automation, data processing, information systems, financial strategy and planning, and keen awareness of the human values served by business and industry, as well as the human values utilized in that service.

To ensure the business administration student a realistic educational experience, the Crummer program is therefore organized around certain dominant goals, using the most modern methods available. These goals and their means of realization include:

a. Emphasis upon the managerial use of data processing and automation techniques in modern corporate and industrial systems, and their impact upon business organization and society.

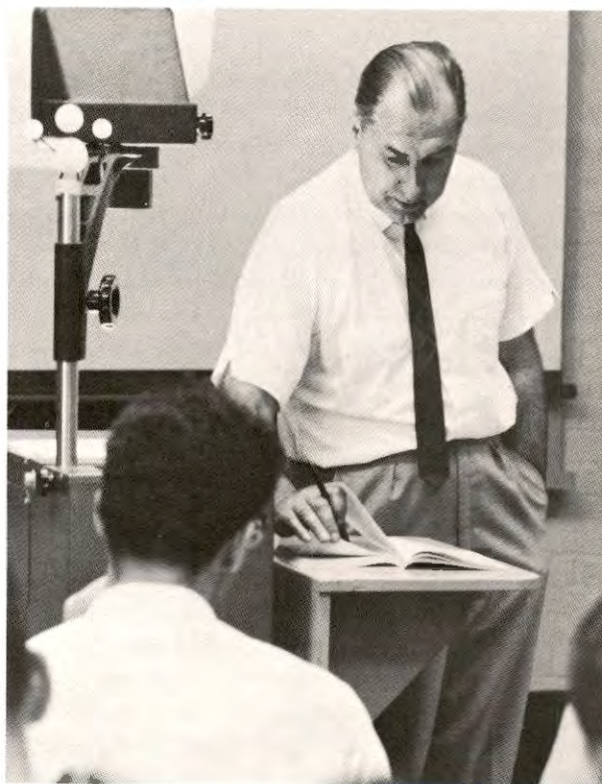
b. Emphasis upon the human behavior and values in business and economic affairs and the relations between the business organization, government, and society.

c. Emphasis upon individual ability to relate business experience and principles effectively in sound managerial judgments. The practice of decision-making in direct simulation of the business setting lends invaluable experience to the student of management and finance.

Internship in Business.—To achieve the optimum combination of work and study during the student's participation in the Crummer Program, each candidate for the Crummer degree must engage for a minimum of six weeks in summer at the end of either his junior or senior year in an Internship in Business.

Applicants for admission to the two-year program of the Crummer School must complete all necessary arrangements before the end of the spring term of their junior year.

Applications should be made to the Crummer School through the office of the Registrar of the College. Application forms should be submitted in duplicate at the beginning of the spring term of the junior year. All successful candidates will receive a formal notice of admission. This notice of admission should be filed with the Registrar of the College before the end of the Spring term of the junior year.



ENGINEERING

COLUMBIA UNIVERSITY SCHOOL OF ENGINEERING AND APPLIED SCIENCE

A student wishing to obtain a Bachelor of Science degree in Engineering from the Columbia University School of Engineering and Applied Science in addition to a Bachelor's degree from Rollins College may enter Rollins and, after following successfully a course of study approved by both schools, may transfer to Columbia at the end of three years. After meeting the graduation requirements he is granted the appropriate degree from each institution.

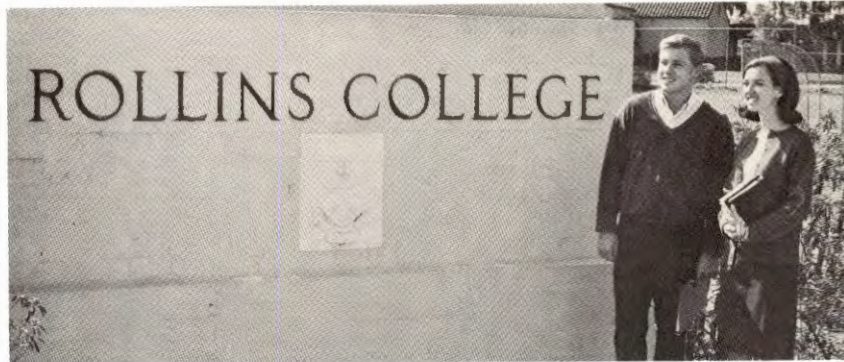
NEW YORK UNIVERSITY

Rollins College has also entered into an agreement with New York University. Under this program a student attends Rollins for three years and New York University for two years. He earns two degrees, a Bachelor's degree from Rollins College and the Bachelor of Engineering from New York University. The program at Rollins includes basic courses in the liberal arts field and concentration in mathematics and physics. At the end of three years the student will have an opportunity to choose among eight branches of Engineering.

FORESTRY

DUKE UNIVERSITY SCHOOL OF FORESTRY

Upon successful completion of a five-year co-ordinated course of study, a student may earn a Bachelor's degree from Rollins College and the professional degree of Master of Forestry from Duke University. The student electing this curriculum spends the first three years in residence at Rollins and the last two at Duke University, pursuing the professional forestry curriculum of his choice.



Since Duke University requires certain basic courses in biology, chemistry, physics, mathematics, and economics, an early planning of the total three-year program is necessary.

A similar type of program is available for students wishing to complete work at the University of Florida leading to the Bachelor of Science in Forestry. This program assumes two years at Rollins and two years at the University of Florida. No Rollins degree is given.

LAW

Rollins College enjoys a distinguished record in the preparation of students for admission to major law schools. Students planning for the bar are counseled by the Committee on Pre-Law Advise-ment and Liaison with Law Schools. During the academic year deans and professors from a number of law schools meet with the group. To provide association with practicing lawyers, pre-law students meet informally as The Barristers. Law schools closely related to Rollins are Columbia, Duke, Florida, Florida State, George Washington, Georgetown, Miami, Rutgers, Stetson, and Western Reserve.



DISTRIBUTION AND MAJOR STUDIES OF PRE-LAW STUDENTS

The American Bar Association prescribes no pre-law course of study, but legal educators agree that students planning to study law should take those courses which best develop ability in (a) comprehension and expression in words; (b) critical understanding of the human institutions and values with which the law deals; (c) creative power in thinking; and (d) habits of thoroughness, intellectual curiosity, and scholarship. Courses well designed for pre-law studies, according to the American Bar Association, have three characteristics: (a) a variety of reading assignments selected from well-written sources; (b) a large amount of well-directed class discussion; (c) ample opportunity for the preparation and criticism of written and oral reports, and (d) independent research projects which provide opportunity for original inquiry, organization of materials, and effective communication.

TULANE UNIVERSITY LAW SCHOOL FELLOWSHIP

Tulane University (New Orleans) makes available to a graduate of Rollins College a regional fellowship in the amount of \$500 a year for three years in the College of Law. Recommendations for this award are made by the Committee on Pre-Law Advisement and Liaison with Law Schools.

WESLEY A. STURGES LAW SCHOOL SCHOLARSHIP

The University of Miami (Florida) has made available to a Rollins College graduate a full tuition scholarship at the University of Miami Law School worth \$1400 per academic year. The scholarship will be renewed for the second and third years of law study if the student maintains either an 80 academic average or ranks within the top 15 per cent of his class. Recommendations for this award are made by the Committee on Pre-Law Advisement and Liaison with Law Schools.

MEDICINE AND DENTISTRY

Several medical schools will consider unusually well qualified and mature students to enter medical school after three years at Rollins provided the basic requirements have been completed. These students can receive the Bachelor's degree from Rollins after successfully completing the regular first year in medical school. However, the student is strongly advised to complete his full liberal arts college course. This will enable him to obtain a better foundation in his basic subjects and a broader viewpoint both of the profession and of the world in which he will live.

The Council on Dental Education prescribes that the pre-professional requirements be met in an accredited liberal arts college. Rollins is accredited

and gives the required courses. However, no exemption is granted for the usual liberal arts requirements.

Although most students who plan to enter medicine or dentistry major in a science, a major in any field is acceptable provided that certain basic science courses are completed.

The minimum in most medical and dental schools is a year of general biology, a year of general physics, two years of chemistry, including inorganic and organic. Many schools now include qualitative and quantitative analysis and enough advanced mathematics to make the physics and chemistry meaningful. The specific requirements for various schools are published each year and are constantly changing. Questions relating to preparation should be discussed with the student's adviser or the chairman of the Committee on Science Postgraduate Programs.



THE MERRILL-PALMER INSTITUTE OF HUMAN DEVELOPMENT AND FAMILY LIFE

The Merrill-Palmer Institute of Human Development and Family Life is the world's most outstanding specialized educational institution dedicated to the study of human development and family life. The Institute offers a teaching program at the college level, conducts research, and provides community services in this field.

Rollins College has been invited to become a participant in the Merrill-Palmer Institute Cooperating Colleges Program. Under this program, Rollins will select and recommend the undergraduate student or students it desires to send to Merrill-Palmer and will also assume the responsibility of crediting the student's Merrill-Palmer courses toward his degree. Confirmation of these student appointments is made by the Institute. Senior students or students in the last quarter of their junior year may be assigned to the Institute for a quarter. During this quarter of residence at Merrill-Palmer, students engage in an intensive educational experience involving class work, research projects, and involvement in community agency work in the Detroit metropolitan area.

TEACHER PREPARATION

The curriculum of Rollins College is designed to prepare those students interested in teaching for a career in that profession. Programs leading to Florida certification are available for students desiring to teach at either the elementary or secondary school level.

Currently anticipated is the discontinuance (effective with the 1968-69 entering freshman class) of the undergraduate major in Elementary Education,

with professional training in this area subsequently to be provided in a fifth year graduate program. It is believed that by first obtaining a strong liberal arts background, followed by concentrated professional study at the graduate level, the prospective elementary school teacher will better attain the competencies needed to teach. This plan would enable eligible students to begin a graduate program of study in the summer session following baccalaureate graduation, continuing through a fifth academic year and probably a second summer session, to be awarded the Master of Arts in Teaching degree. The Fifth-Year Program would include courses in professional education, courses in the content areas of Elementary Education, and either student teaching or teaching internship.

Students desiring to teach at the secondary school level will major in an academic subject field and will be able to complete professional education requirements, including student teaching, within the undergraduate program of study. The Rollins College Graduate Program in Education is also available for the student who wishes to continue his study in secondary education for a Master of Arts in Teaching or a Master of Education degree.



CAREERS ABROAD

For students with high motivation toward life work in such areas of national and international responsibility as the Foreign Service of the United States, the United Nations and its specialized agencies, and overseas work in banking, industry, and voluntary agencies, Rollins College offers a selective and closely counseled CAREERS ABROAD PROGRAM.

Students apply for admission to the program in the spring of the freshman year.

Beyond their formal sequence of studies, members of the group, to the extent that their schedules and finances allow, engage in three supplementary activities known as (1) the intraterm scheduled during the Thanksgiving recess and (2) the interterm scheduled during the spring recess. The intraterm is carried on in a Caribbean country; the interterm may be held in Washington, at the United Nations, or at a point where events make study especially worth while.

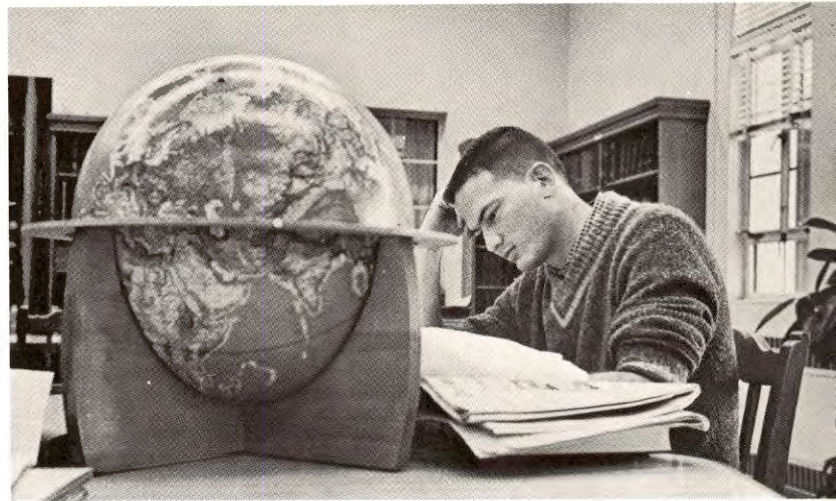
STUDY ABROAD

Qualified Rollins students may take a year or half year *in absentia* at a foreign university. The student may negotiate his admission independently with the foreign university; he may apply for admission to an approved foreign-study program administered by another U.S. college or university; or he may apply for admission to one of the three existing Rollins overseas programs. In the case of a non-English-speaking country, the student is advised that he must have adequate foreign language preparation, which is interpreted as a B average in at least two years' study of that language.

Rollins administers two overseas programs, both in Spanish-speaking countries, and participates in a third program in France, Germany, and Spain sponsored by the Associated Mid-Florida Colleges.

The Rollins Semester in Colombia program is conducted annually February 2 to June 2 at the University of the Andes, Bogotá, Colombia, where the student may earn up to 18 semester hours (automatically convertible into Rollins term credits) in Spanish and all other departments. The student is absent from the Rollins campus during the last half of the winter term and the spring term, but his academic-year's prepaid room, board and tuition fee exempts him from any further costs for the Semester in Colombia. Included in the Colombian program are round-trip air transportation between Miami and Bogotá, four months' room and board in a private home in Bogotá, tuition at the University of the Andes, an extensive orientation program, excursions, social affairs, and the tutorial assistance of a full-time resident director whom Rollins sends with the group to Bogotá. Descriptive literature and applications are available from the director, Prof. Frank Sedwick, Box 4, Rollins College. Applications close December 15.

The other program administered directly by Rollins is a summer study-tour to Spain, annually June 21 to August 8, in which the student may earn up to 13 term credits in Spanish language and literature. Classes are privately taught by an all-Spanish staff in Rollins' own quarters in Madrid. The prerequisite for this study-tour is one year of Spanish and an over-all C average. The fee of \$1,085 includes full room and board in a private home in Madrid, tuition and books, round-trip jet New York-Madrid, weekly excursions to the main cities and sights of Castile, and a week's tour of Spain and Portugal.



See Prof. Frank Sedwick, as above, for descriptive literature and applications. Applications close May 10, though often the quota is filled earlier.

Several years ago Rollins and four other colleges of Central Florida formed an association known as the Associated Mid-Florida Colleges, one of whose various cooperative academic efforts is a junior-year-abroad in France (University of Strasbourg), Germany (University of Freiburg), and Spain (University of Madrid). The fee covers tuition, room and board, round-trip transportation by ship from New York, and American resident directors. The group leaves New York about August 19, attends orientation lectures on shipboard, and receives additional language training in Europe before classes begin at the respective universities. The prerequisite for admission to the program is B average in at least two years' study of the respective foreign language. Applications, which close annually on March 1, and further information are available from Professor Sedwick.



Admission and Expenses

ADMISSION FROM SECONDARY SCHOOLS

Admission to Rollins is highly selective. To expect favorable consideration, the student should possess a strong school achievement record, as well as strength and maturity of character.

Secondary school seniors, who are recommended by their schools, are eligible for consideration upon receipt of a formal application with the \$15 application fee, the secondary school record, and the results of the Scholastic Aptitude Test of the College Entrance Examination Board. All applicants for admission are required to take this test during the senior year, preferably in December or January. Registration forms may be obtained by writing to the College Entrance Examination Board, Box 592, Princeton, New Jersey.

In addition, accepted applicants must present the results of the College Board Achievement Tests in English, a foreign language (either modern or classical), and one other of the candidate's choice. These achievement tests should be taken in the spring of the senior year.

The candidate for admission to Rollins should present four years of English, three years of mathematics, three years of one foreign language (or two years of each of two foreign languages), two years of laboratory science, and credits completed in social studies. Although consideration will be given to candidates who offer courses outside these five main areas, Rollins judges the school records of its candidates chiefly by performance in these tradi-



tional college preparatory subjects.

Unusually well qualified applicants who are strongly recommended may be considered for admission prior to secondary school graduation.

Superior students, with the approval of their secondary school, may submit their junior year record, and junior year Scholastic Aptitude Test scores with the request that the Admissions Committee grant an Early Decision based on the assumption that the senior year performance will be similar in quality to that of the first three years of secondary school. Applicants for Early Decision agree not to apply elsewhere unless their application is denied. Early Decision applications must be received before November; candidates will be notified by December 1 of the senior year. A non-refundable reservation fee of \$250 is due and payable upon notification of acceptance.

If the Early Decision candidate is not granted admission, his application will be reconsidered after January 1, when regular applications are reviewed. Admission to the undergraduate day program is limited to students under 30 years of age.

ADMISSION WITH ADVANCED STANDING

Entering freshmen who pass Advanced Placement Examinations given in May by the College Entrance Examination Board will, with the approval of the Academic Standing Committee and the department concerned, be eligible for admission to advanced courses in the department. Students may use these tests to meet, in advance, certain distribution requirements for graduation. Upon recommendation of the department concerned, the tests may be used to reduce the number of credit hours required for the Rollins degree. Information about these tests may be obtained from the College Entrance Examination Board.

ADMISSION FROM OTHER COLLEGES

Rollins accepts a limited number of students who wish to transfer from other colleges. To expect favorable consideration, the transfer applicant should have completed an intermediate year of foreign language as well as a year of laboratory science. College Board test scores are a requirement for transfer students.



No transfer credit is given for work completed with a grade of D or for work which is not typically offered in a liberal arts college. No credit will be granted for courses taken by correspondence, and not more than 30 credits will be allowed for extension courses.

To receive information regarding the evaluation of transfer credits, a student must first apply for admission and pay the application fee. He must be in good academic standing and eligible to return to the institution from which he proposes transfer.

AUDITIONS FOR MUSIC MAJORS

To study in certain special programs, applicants are asked to provide additional materials.

Auditions are required from all students who wish to major in music. If distance prohibits such an audition, a tape recording of the student's work may be sent before March 1 of the senior year.

APPLICATION PROCEDURE

To apply for admission to Rollins College, request an Application for Admission and return this form with the application fee of \$15 which is paid only once and is non-refundable. Two small photographs are also required.

The Application for Admission form includes:

1. The Secondary School Record form which the candidate is asked to hand to the guidance officer of his school for completion. It is requested that the school submit this form directly to the College.
2. Information regarding the College Entrance Examination Board requirements.
3. The Parent Questionnaire, which the candidate is asked to hand to his parent or guardian for completion and mailing to the College.



It is the applicant's responsibility to make certain that the required College Entrance Examination Board tests are taken and results reported to Rollins College.

Applications should be submitted before March 1 or earlier if possible. Applicants will receive notification throughout the winter and spring as their application folders are completed.

Upon notice of acceptance, boarding students pay a reservation fee of \$250 and day students \$100. Since Rollins College adheres to the Candidate's Reply Date as established by the College Entrance Examination Board, the reservation fee must be paid by that date and is non-refundable. The Candidate's Reply Date for 1968 is May 1. Payment of the reservation fee automatically reserves dormitory space for the accepted boarding candidate.

Accepted applicants are asked to read carefully pages 25 through 69 of this Bulletin, and are required to comply with regulations regarding health, as outlined on pages 49 and 50.

An accepted student who requests that his application be transferred to a later year must be reconsidered by the Admissions Committee. Applicants are urged to inform the College promptly of any change of address, transfer from one school to another, or withdrawal of application.

STUDENT EXPENSES

The cost of educating a student at Rollins College is considerably more than the amount of the general fee charged. The difference is covered by other revenue such as gifts and endowment income.

Fees are:

(Fees are subject to change at any time by action of the Board of Trustees.)

Application Processing Fee
(Payable with submission of
Application for Admission) \$ 15

Student Association Fee
(Levied by Student Association) \$ 55

Contingent Deposit
(Refundable upon graduation) \$ 25

Linen Fee
The linen fee includes the issuance of
two sheets, one pillow case, three bath
towels and one face cloth per week \$ 20

Health and Accident Insurance
(May be waived. See description
and fee, page 40.)

Boarding Students
General Fee \$2,900

The general fee includes items usually
differentiated as tuition, board, room; cer-
tain special fees such as laboratory fees
and instruction in music; limited medical
services for minor illnesses; and the use of
all college facilities

Day Students (Undergraduate only)
General Fee \$1,500

SCHEDULE OF PAYMENT OF FEES

Incoming Boarding Students

Payable upon acceptance
(non-refundable after May 1) \$ 250
Balance payable August 15

Returning Boarding Students

Payable April 15 (non-refundable) \$ 250
Balance payable August 15

Incoming Day Students

Payable upon acceptance
(non-refundable after May 1) \$ 100
Balance payable August 15

Returning Day Students

Payable April 15 (non-refundable) \$ 100
Balance payable August 15

All students must forward the April 15 installment promptly to assure the reservation of a place in the College.

Physical Education courses do not have a fee unless the student elects one of the following. The charges are listed below, and must be paid at the time of enrollment:

Water Skiing. A fee of \$45 per term.*

Bowling. A fee of \$12 per term.*

Horseback Riding. A fee of \$45 per term.*

Scuba Diving. A fee of \$45 per term.*

Payment of the full general fee for the academic year is required although the student may anticipate graduating at the end of the fall or winter term.

All financial obligations must be fulfilled on or before August 15, and refunds after this date will only be made in accordance with regulations shown elsewhere in this section of the catalog.

*Subject to change without notice.

Students will not be given credit for work done, will not receive honorable dismissal or obtain a transcript of credit, or be permitted to graduate until all college bills are paid, including past due payments of the National Defense Student Loan Fund, Tuition Plan, Inc., and other secondary debts where these debts are incurred to pay Rollins College fees.

Students will be accepted in the fall for the full school year only.

THE TUITION PLAN, INC.

As noted above, fees are payable for the whole academic year in advance. However, we have an agreement with The Tuition Plan, Inc., a finance company in New York, to finance the yearly fees over a period of from ten months to six years, requiring a service charge (interest). One-year contracts are payable in ten months, commencing August 1.

Multiple-year contracts can be prepared over a period of from twenty to seventy-two months, and are covered by life insurance. Most multiple-year contracts require the first payment be made by June 1 or retroactive to that date. **NO DEFERRED PAYMENT PLAN IS AVAILABLE THROUGH THE COLLEGE.**

MEDICAL EXPENSES

REIMBURSEMENT INSURANCE

An agreement has been entered into with an insurance company that makes health and accident insurance available on a group basis for students at Rollins College. The cost of the insurance coverage is included in the invoice for tuition. However, if the parent has coverage of this type, or if this insurance is not desired, payment to Rollins College

for the insurance *may be waived prior to May 1*. A descriptive booklet and waiver form is included with the reservation fee invoice sent in April. This coverage is for the academic year and usually costs about \$45.

The insurance company sends an application to the parent for a continuation of this insurance for the summer. This notice is forwarded approximately May 15 of each year. The completed application and check are returned to this office. If the application and check for summer insurance are not submitted, the student will not possess insurance coverage for the summer vacation period.

INSURANCE FOR PERSONAL BELONGINGS

The college does not carry insurance on students' personal belongings and is not responsible for loss or damage from any cause. Students should arrange for adequate coverage on existing policies or make arrangements for insurance locally upon arrival.

The college does not maintain facilities for safe-keeping of money or valuables. Banks located a few blocks off campus have such services available.

SPECIAL CHARGES

OVERREGISTRATION. A student is charged \$4 for each term-hour over fifty-four hours for the academic year.

LATE REGISTRATION. A fee of \$5 is charged for late registration.

REGULATIONS REGARDING REFUND OF FEES

As the College predicates its expenses and bases its budget upon the collection of the general fee for

the full year from all accepted students, adjustments are made only under the following regulations:

1. A student who is obliged to leave college during the academic year because of serious accident or major medical or surgical illness necessitating two or more weeks hospitalization may be eligible for a refund; such unavoidable departure must be recommended by the College physician. In this particular situation, the College desires to share the monetary loss with the parents of the student by cancelling 75 per cent of any unearned portion of the general fee and refunding such portion.

2. If any student enrolled at Rollins receives a mandatory call from the Federal Government to enter the military service on an active duty status, the general fee for the year will be pro-rated as of the date the student is required to leave college to report for duty.

3. If a new student fails to enter college after acceptance has been granted, or if any student who has been in previous attendance fails to return, or if any student leaves college for any reason other than those stated in No. 1 and No. 2 above, or is suspended or dismissed, no refund will be made.

Failure to pay the stipulated installments of the applicable general fee promptly upon the dates specified forfeits all previous payments and deposits as well as the right to a place in the College; and the College reserves the right to select another student immediately to fill the vacancy thereby created.

4. A student will be considered in attendance at the College until formal notice of withdrawal has been filed in the Office of the Dean by the parent or guardian.



Scholarships Loans Student Aid

SCHOLARSHIPS

Scholarships at Rollins College are awarded competitively to applicants whose academic and activity achievement in school shows real promise of outstanding success in college.

To apply for a scholarship the student should file an Application for Admission which includes a section for the scholarship applicant to complete. No scholarship will be awarded before a student is accepted for admission.

Financial need is an important consideration of the Scholarship Committee in making awards. Information on financial need must be submitted by parents or guardians on the *Parents' Confidential Statement* supplied by the College Scholarship Service, Box 176, Princeton, New Jersey. The form can be obtained from secondary school offices. No award will be made until the CSS form has been received.

Scholarships are renewable each year provided the student maintains the necessary academic or achievement record as described in the scholarship categories below. The Parents' Confidential Statement must be filed each year.

ACADEMIC SCHOLARSHIPS—The College annually awards a limited number of academic scholarships to outstanding students with superior academic records and College Board test scores. Varying in amount from \$200 to \$3000 and available for both boarding and day students, these awards usually



include a combination of stipend, work, and loan.

To hold an academic scholarship after the first year the student must maintain a B average for the year.

ACHIEVEMENT SCHOLARSHIPS—Rollins College awards a limited number of Achievement Scholarships each year. To qualify for an Achievement Scholarship, an applicant must have a good academic record and outstanding achievement in an area such as science, art, music, drama, athletics, or school publications. The holder of an Achievement Scholarship agrees to continue his special activity at Rollins and is expected to maintain a C average for the year. Achievement scholarships are renewable each year.

Available for both day and boarding students, the awards usually include a combination of stipend, work, and loan. They vary in amount from \$200 to \$3000.

Any boarding student who receives financial aid and brings a car to college, can expect a reduction in aid unless an exception is made by the Student Deans.

EDUCATIONAL OPPORTUNITY GRANTS

U. S. SCHOLARSHIPS

Grants will range from \$200 to \$800 per year, and can be no more than one-half of the total assistance given the student. As an academic incentive to students, an additional award of \$200 may be given to those students who were in the upper half of their college class during the preceding academic year.

These are available to a limited number of undergraduate students with exceptional financial need who require these grants to attend college. To be eligible, the student must show academic or creative promise.

NATIONAL DEFENSE STUDENT LOANS

Rollins College has funds allocated each year by the Department of Health, Education and Welfare, to be used for loans to students. These loans are available on the basis of need. A maximum amount of \$1,000 per year can be granted for an undergraduate, and \$2,500 per year for a graduate student. The amount granted will be based upon the need of the student in relationship to the demands for the funds that year.

These loans do not have to be repaid until nine months after leaving a school of higher education, and at that time, three per cent interest commences. The loan must be paid within a ten-year period with a minimum monthly payment of \$15.00. Those who become full-time teachers in primary, secondary, or higher education schools for five years will receive a forgiveness of fifty per cent on this type of loan if they teach five years.

U. S. COLLEGE WORK-STUDY PROGRAM

Available to scholarship students at Rollins College.

ENDOWED SCHOLARSHIPS

The Committee on Scholarships is able to award scholarships through the generosity of past donors. Our scholarships are awarded on the basis of the above procedure and are made possible in part by the following endowments:

Carolyn Hulbert Bassett Scholarship Fund. Income from this fund is available for scholarship aid to needy students. The scholarship was established through the generosity of the late Carolyn Hulbert Bassett.

Rex Beach-Rollins College Student Aid Fund. This fund for scholarships was created by the estate of Rex Beach.

Anna G. Burt Scholarship. This scholarship is available to Florida girls and amounts to approximately \$400 annually.

J. Roy and Mabel R. Dickie Scholarship Fund. The estate of J. Roy Dickie granted Rollins College funds, the income from which is used for scholarships for worthy, needy students.

Jessie Ball duPont Scholarship Fund. The fund for this scholarship was created by donations of Mrs. Alfred I. duPont.



Eckerd Drugs of Florida Scholarship. Funds granted by this organization create an income for needy, worthy students who require aid to secure an education.

Mrs. Davis E. Fishback, Sr.-Mrs. John T. Galey Scholarship Fund. The income from this fund is to be awarded to an outstanding and needy student in Fine Arts. This scholarship was established in 1958.

Hamilton Holt Scholarships. To be awarded to outstanding students. Amounts: Up to \$1,000 annually. These scholarships have been established by donations in honor of Hamilton Holt, former president of Rollins College.

Arthur Knowles Hutchins Scholarship Fund. The recipients of this fund, established by James O. Hardee in 1957, are selected from among scholarship students who are candidates for the Bachelor of Music degree.

Blanche Mallett Scholarship Fund. The income from this fund is to be awarded as a scholarship to a woman student who is studying business and economics. This scholarship was established in 1956 by Mrs. Blanche W. Mallett.

Edward S. Meyer Scholarship. Available for an outstanding student, preferably one majoring in Modern Languages. This scholarship was established in 1941 through the generosity of the late Professor Edward Stockton Meyer.

Henry Buckingham Mowbray Scholarship Fund. The income from this fund is to be used to aid needy students. The fund, established in 1960, was the bequest of Henry B. Mowbray, an early graduate of Rollins College.

Charles A. and Jessie W. Noone Scholarship Fund. This fund was created in 1961 by a bequest of the late Charles Ashton Noone, Rollins alumnus. The income of approximately \$1,000 a year is avail-



able for a period not to exceed four years for any one person.

Caroline G. Plant Scholarship Fund. To be awarded to outstanding students in the form of either scholarships or loans. Amount: \$1,150 annually. This fund was established in 1949 through the generosity of the late Caroline G. Plant.

Alice H. Southworth Fund. The income from this fund is to be awarded to worthy students. This scholarship was established in 1957.

Elizabeth Strubing Scholarship. Granted to an outstanding applicant. May be renewed for the four undergraduate years provided the student continues to meet the standards required. Students receiving this scholarship for four years will be presented a certificate upon graduation designating them as Elizabeth Strubing Scholars. Annual stipend is \$1,800.

Myra Gray Williams Scholarship. To be awarded to a native and resident of Florida. This is available to freshmen, and is renewable for four years. The amount available is \$400 annually.

Winter Park Federal Savings and Loan Association Trust Fund for Scholarships in the Crummer School of Finance and Business Administration. Endowed scholarships with an annual award of approximately \$1,000 which will increase to \$1,500 in a few years.



OTHER ENDOWED SCHOLARSHIPS

The following endowed scholarships are awarded annually to upperclass students in honor of donors to the endowment fund of the College:

The Angier Scholarship	The Palmer Scholarship
The Burleigh Scholarship	The Pearsons Scholarship
The Chase Scholarship	The Scott Scholarship
The Duval Scholarship	The Worthington
The Hall Scholarship	Scholarship
The Mark Scholarship	The Wyeth Scholarship

The amount of each scholarship is \$50 annually.

OTHER SPECIAL SCHOLARSHIPS

Prince Bernhard Scholarship. This is a full scholarship awarded annually to a Netherlands student to enable him to study at Rollins College; it was established through the efforts of Albert Balink.

The Edwin B. Garrigues Foundation Scholarship. Funds have been made available by the Garrigues Foundation for scholarship awards to students majoring in the study and practice of Applied Music. Awards may be made annually to qualified students.

Stella and Charles Guttman Foundation Scholarships. Preference shall be given to students of recognized ability who have completed two academic years of college and who are contemplating graduate or professional study on completion of their baccalaureate or college course. The awards may be renewed for a second year.

Latin American Scholarship. A scholarship is offered annually to a student from Latin America for one year of study. These scholarships may be renewable and cover full cost of expenses for one year of residence on campus. The scholarship is derived from the Latin American Scholarship endowment of \$100,000 and is administered by a faculty committee. The Institute of International Education screens applicants for this scholarship and submits applications to the faculty committee.

National Merit Scholarships. Three scholarships are awarded each year to National Merit Scholarship winners. The minimum award is \$250 and is increased according to the College Scholarship Service formula.

The Presser Music Scholarship. Funds have been made available by the Presser Foundation for scholarship awards to outstanding students who are majoring in Music. These are primarily for students preparing to become music teachers.

Rotary Clubs Scholarship. Local Florida Rotary Clubs, and Florida International Students, Inc., have cooperated with Rollins College to award full scholarships to foreign students on a matching basis. The students are chosen by Rotary International, and must be academically qualified.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Committee on External Scholarships has as its responsibility the promotion of graduate study for Rollins graduates. Many scholarships and fellowships for graduate study are available. The Committee, under the chairmanship of Dr. Erich C. Blosssey, Assistant Professor of Chemistry, brings these opportunities to the attention of all students,



and especially to those in their junior year. Currently over half of the men and about a fourth of the women of the senior class continue to graduate study.

LOAN FUNDS

In addition to scholarships, benefactors have been very kind in establishing loan funds in order that the Scholarship Committee may extend their financial aid to more worthy students. These loans are used to enlarge our scholarship awards to an individual, and are granted through the Scholarship Committee. Freshman applicants for this type of aid should apply to the Dean of Admissions in the same manner as in the case of scholarships:

Franklin A. Cobb Memorial Loan Fund
Luis de Florez Student Loan Fund
Fox Scholarship Loan Fund
Elbert H. Gary Student Loan Fund
Thomas G. Lee Memorial Fund
P. Phillips Loan Fund
Hattie M. Strong Foundation Scholarship Fund
Strong Hall Loan Fund
George Hammond Sullivan Loan Fund
Milton J. Warner Student Aid Fund

UNITED STUDENT AID FUNDS, INC.

Rollins College participates in this loan fund which is in partnership with many local banks. These loans are granted by local banks with the permission of Rollins College. Repayment of this loan is not necessary until after the student leaves college. Details can be obtained from the Cashier's Office or the student's local bank. Loans under this program are granted through the Scholarship Committee.



Activities and Services

STUDENT HEALTH SERVICE

Rollins College Health Service consists of two college physicians and two registered nurses. Nurses are in regular attendance five days each week between 7:00 a.m. and 10:00 p.m. Each morning one of the college physicians sees students at the Charles A. DuBois Health Center for examination and treatment. Minor illnesses and accidents are treated in the Health Center but those requiring bed care are referred by the college physician to the Winter Park Memorial Hospital. The Winter Park Memorial Hospital offers medical and surgical facilities for in-patients as well as an emergency service for serious illnesses and accident cases. Any student requiring care at night or other times when the DuBois Health Center is not open can call the college physician who will then see the student at the Winter Park Memorial Hospital Emergency Room. Any student admitted to the hospital continues under the care and supervision of a college physician.

The physician and nurses in attendance at the DuBois Health Center may be consulted without charge. The health insurance plan described below covers partial costs arising from hospitalization as a result of illness or accident.

The College has arranged for health insurance, known as the College's Student Medical Reimbursement Plan. This coverage provides for reimbursement, within specific limits, for surgery, and for medical and hospital expenses in case of hospitalization due to illness or accident.



The basic plan provides for medical expense for illness or accident only if there is hospital confinement or surgery, except that there is provided a blanket coverage of \$50 for accidents that do not require hospitalization. Surgical benefits are provided under a schedule having a maximum of \$300. The maximum benefit for each illness or accident including any surgical benefits payable is \$500.

In addition to the basic plan there is provided Major Medical coverage up to a maximum of \$5000. This insurance is subject to a \$500 deductible clause, with 80 per cent of eligible expenses covered.

Expenses for accidents due to participation in intercollegiate athletics are not covered under the Student Medical Reimbursement Plan. The College provides special coverage for certain intercollegiate sports.

Descriptive leaflets outlining the benefits and exclusions under the College's Student Reimbursement Plan are available at the Health Center for students who are insured under the plan. The coverage is in effect 24 hours a day, both on and off campus through the academic year, and includes school-year vacation periods as well as a reasonable time at the beginning and end of the school year for travel to and from the College. It has been the practice to offer coverage for the summer months at a small extra premium, payable before the close of the spring term.

Each student is billed routinely for this group insurance coverage. Any student who does not wish to be insured through this program is asked to sign a waiver which is placed on file at the College.

Certain health regulations must be met by all entering students, including transfer students. A medical examination blank provided by the Student Health Service must be completed by the applicant and his family or school physician and filed with the Admissions Office as soon as possible after acceptance. As part of this health report, certification of immunization against tetanus and poliomyelitis, vaccination against smallpox, and evidence of a recent chest X-ray are required. Students who have failed to file this health report must have the necessary physical examination and immunizations completed on arrival at Rollins before they are permitted to register. Such individuals are charged accordingly for the medical examination, immunizations, and tests.

A student unable to participate in the required Physical Education program must furnish a letter from his personal physician stating the reasons. Any recommendation not to engage in the Physical Education program must be confirmed by a member of the Health Service Staff.

If any medical information, including reports of nervous or mental diseases, is withheld from the student's Health Certificate, this omission would be cause for dismissal from the College. Anyone requiring further medical treatment, including injections for asthma, etc., must also furnish a statement from his physician.

All communications from parents and guardians concerning the health of students should be addressed to the College Physician. Any student who becomes ill when absent from College must notify

the Student Deans immediately. A signed statement from his physician must be sent to the Director of the Student Health Service.

The College reserves the right if the parents or guardian cannot be reached to make decisions concerning operations or other matters of health.

Students who are required to leave College for one or more days to recuperate for medical reasons shall have a written recommendation from the Health Service. This recommendation will be taken before the Academic Standing Committee for consideration. In view of all available evidence the Academic Standing Committee will make a formal recommendation for action by the appropriate Student Dean. Any student who withdraws under the above circumstances or who is required to return home for a period longer than one week, will be readmitted to the College through readmission procedures which require evidence that the condition which necessitated the withdrawal no longer exists. Exceptions may be granted by the Student Deans.



COLLEGE TESTING CENTER

The College Testing Center offers students of Rollins College the following services:

1. A Reading Laboratory
2. Vocational Guidance and Testing
3. Educational Guidance and Testing

A certified psychologist is in charge of the Center and welcomes inquiries by students.

VOCATIONAL AND EDUCATIONAL ADVISEMENT

The academic advisers, the Student Deans, the Dean of the Chapel, and the services of the College Testing Center are available to students in need of counseling.

DEVELOPMENTAL READING PROGRAM

The College maintains a reading laboratory and conducts a developmental reading program. The program is designed to help students develop reading skills necessary for college work. The program emphasizes optimum skill for all students and is not primarily a remedial program. Work taken at the laboratory is voluntary and on an individual basis. The laboratory is equipped with devices and materials for use in improving comprehension, speed, vocabulary, and the skills necessary in the various content fields in the College program.

LEARNING LABORATORY

The Learning Laboratory has a console and twenty booths all with listening devices, tape recorders,



and electronic facilities for both individual practice and group learning. Systematic use of the lab is a required part of first- and second-year language courses in French, German, Russian and Spanish. The lab is used also by students in speech courses and, for study or note-taking purposes, is available to the college at large for practicing readings, lectures, dramatic performances, or studying musical selections. The lab is open days and evenings throughout the school year.

RELIGIOUS ACTIVITIES

Rollins College was founded under the auspices of the Congregational Churches. Although now non-sectarian, the College has maintained the ideals of this heritage.

A religious program has three responsibilities: (1) teaching, (2) worshipping, and (3) serving. At Rollins the teaching responsibility is shared between the courses in the College and the services at the chapel. The other responsibilities are fulfilled by the program of the Knowles Memorial Chapel.

Services of worship are held in the chapel on Sunday mornings, and on special days and seasons of the Christian year. Vesper services are held twice a week, on Tuesday and Thursday evenings. In the services students participate in the conduct of worship, either as readers, as ushers, as members of the Rollins Chapel Choir, or as speakers at the vesper services. Organ vespers are usually held on Wednesdays during the winter season. The Chapel Service Program is supervised by the Chapel Staff and the Community Service Committee.

The over-all religious program on the campus is directed by the Dean of the Chapel and the Chapel

Staff. This staff is composed of the chairmen of the student committees, thirteen elected students, and two members of the faculty. The Dean of the Chapel is available for guidance of and conferences with students on religious problems.

All students are urged to join in the services of the churches in Winter Park and Orlando.

ATHLETIC ACTIVITIES

Because of the beautiful, mild climate of Florida, Rollins is able to maintain out-of-door athletic activities throughout the year. Time is made available for recreation or supervised instruction in physical activities in order to enable students to participate in the sports in which they are particularly interested.

Rollins competes in the following intercollegiate sports: baseball, basketball, crew, golf, soccer, and tennis. A full schedule of intramural sports is conducted under expert direction. These include intramural competition for men in basketball, bowling, flag football, golf, horseshoes, sailing, soccer, softball, swimming, table tennis, tennis, track, and volleyball.

It is understood, of course, that these activities are carried on in addition to the regular classes scheduled in Physical Education.

Rollins is a member of the newly organized Florida Intercollegiate Athletic Conference. Other Conference members are Florida Southern College, Stetson University, and University of Tampa. The conference sponsors championship competition in baseball, basketball, golf, tennis, and soccer. Other sports are expected to be added in the near future.

Rollins is also a member of the National Collegiate Athletic Association.



ACTIVITIES FOR WOMEN

The Rollins College intramural program affords an opportunity for all students to participate voluntarily in competitive sports of their choosing. Teams representing sororities and independents compete. Trophies are awarded to the winning team in each sport. The O'Brien Trophy is awarded to the group receiving the greatest number of points during the college year. Sports include archery, basketball, bowling, golf, softball, swimming, tennis, and volleyball.

An intercollegiate tennis and golf varsity program is available for the highly skilled student.

MUSIC ACTIVITIES

THE THIRTY-THIRD ANNUAL BACH FESTIVAL OF WINTER PARK. The Bach Festival of Winter Park, consisting of a series of programs by the Bach Choir of one hundred voices assisted by renowned soloists, orchestra, and organ, is held in early March in the Knowles Memorial Chapel. The chorus, under the direction of Ward Woodbury, includes selected singers from Central Florida communities, and qualified Rollins students. A special performance of a major choral work is given on a Saturday early in March for students of colleges and high schools in the State of Florida by invitation of the Board of Trustees of the Bach Festival Society.

ROLLINS CONCERT SERIES. Programs throughout the year feature internationally known soloists and chamber groups along with recitals by artist faculty members of the College and the Rollins Chamber Orchestra — a fully professional group of thirty-two players from the Florida Symphony Orchestra.

ORGAN VESPER RECITALS. During the winter term organ programs are presented on the three-manual

Aeolian-Skinner organ in the Knowles Memorial Chapel.

ROLLINS CHAPEL CHOIR. The Chapel Choir participates throughout the academic year in the Sunday Morning Service held in the Knowles Memorial Chapel, singing masterpieces of choral literature of all periods from medieval to contemporary. Membership in the Chapel Choir is open to all qualified students after an audition with Dr. Woodbury.



ROLLINS CHORALE. This organization sings a wide variety of secular music and is open by audition to all students of the College.

ROLLINS SINGERS. This group of 12 vocalists specially selected from the ranks of the Rollins Chorale performs music of an entertaining nature and represents the College on campus, in the community, and as a touring group.

FLORIDA SYMPHONY YOUTH ORCHESTRA. Sponsored jointly by Rollins College and the Florida Symphony Society, this organization is open to qualified students of the College.

BAROQUE ENSEMBLE. The Baroque Ensemble is composed of outstanding string players from the student body and performs appropriate music for this medium.

WIND ENSEMBLE. This organization affords opportunity for wind instrument players to pursue their musical training in the finest literature in this field.

THE ROLLINS MUSIC GUILD. The Music Guild is composed of students who are interested in promoting the musical welfare of the College. It holds regular meetings and is active on campus in the sponsoring of recitals, lectures, and other activities of musical worth.

PI KAPPA LAMBDA. The Xi Chapter of Pi Kappa Lambda, a national honorary music society, was installed at Rollins in 1935. Its prime object is the encouragement of eminent achievement in performance and original composition. Qualified juniors and seniors are eligible for membership.

STUDENT RECITALS AND RADIO. Formal and informal recitals are given throughout the college year and frequent opportunities are available for appearance on radio programs.

RADIO ACTIVITIES

Rollins' own 330 watt FM radio station WPRK operates on a frequency of 91.5 megacycles and covers a wide area surrounding Winter Park and Orlando. Housed in modern studios in the Mills Memorial Library, the station was made possible through an anonymous donor. Basic equipment includes two spacious studios, each with its own control rooms, RCA control boards, Fairchild transcription tables, four Magnecord tape recorders, an Ampex 350 tape recorder, and a variety of microphones.

WPRK is a member of the National Association of Educational Broadcasters, through which it participates in a program exchange with 80 educational stations.

Students in beginning and advanced radio production classes, and in speech and drama classes, gain practical experience in directing and announcing for radio under the supervision of WPRK staff members. Rollins students studying broadcasting have also been part- and full-time announcers on the four Orlando radio stations.

STUDENT PUBLICATIONS

Rollins College is noted for its encouragement of creative writing, and the student interest is demonstrated by the number and quality of its undergraduate publications. The following publications are included in the Rollins Publications Union:

THE TOMOKAN, financed by the Student Association, is issued annually by the editor, who is elected by the student body. It gives a résumé of the activities, organizations, and events of interest to the students and faculty of Rollins.

THE FLAMINGO, a magazine of drama, short stories, and poetry, is published by a board of under-

graduate editors. A remarkably high standard of writing has been attained in this undergraduate publication.

THE SANDSPUR is a weekly student newspaper. It prints campus and local news, and keeps Rollins students well posted through its editorial, social, and news columns. It has earned the All-American rating from the Associated Collegiate Press for the past five years. This is the highest honor a college newspaper can receive.



THE ROLLINS STUDENT CENTER

The Rollins Student Center was founded in 1960 to serve as the center of extracurricular student life. Through sponsorship of an increasingly broad program of cocurricular education, recreation, and entertainment, the organization binds students, faculty, staff, and alumni—all of whom enjoy full rights and privileges as members of the Center—in a common effort to “establish a cultural pattern which will distinguish Rollins students.”

Over 100 students learn leadership and various administrative skills through active service on such Center committees as:

Educational Entertainment, which stirs awareness and interest in crucial matters of the day through nationally known speakers, debates, and forums.

Fine Arts, which provides the best in art exhibits, folk sings, poetry readings, and celebrity performances.

Social Entertainment, famous for its major pop concerts and Christmas semi-formal.

Special Projects, which combines international dinners with a wide variety of extracurricular miscellany.

Films, which hosts a full schedule of recent, award-winning American and foreign films.

Host and Hostess, which arranges opportunities for students to chat with visiting dignitaries and which also sponsors eight informal dances.

Rally, a combination of cheerleaders and sports enthusiasts which arouses support for Rollins athletic teams.

The Board of Directors, the policy-making group of five students and four faculty which is headed by the President of the Rollins Center, each year welcomes new programs and new members in a continual endeavor to fulfill its ambitious purpose.

SOCIETIES AND ORGANIZATIONS

Student interests are enhanced and promoted by a variety of organizations:

THE WOMEN'S ATHLETIC ASSOCIATION is composed of all the women students at Rollins. They automatically become members of this organization whose purpose it is to promote and foster the highest spirit of sportsmanship and co-operation. The Women's Intramural Board is the governing body of this organization.

CAMPUS GUIDES is a service organization of selected freshmen who serve the college as official college Guides for campus visitors to Rollins College, including prospective students and their parents.

Membership is restricted to thirty freshmen.

LE CERCLE FRANÇAIS is an organization that is open to all students taking French or those who have comparable facility in oral and conversational French. Programs are held twice a month and feature French-speaking guests who discuss a variety of timely and interesting subjects. Short films are also shown to acquaint members with France, its civilization, and its culture.

DER DEUTSCHE VEREIN is an organization that is open for membership to those who are studying German or are interested in German language, history, and civilization.

GREEK LETTER ORGANIZATIONS. The Interfraternity Council is composed of chapters of the following men's national fraternities:

Delta Chi
Kappa Alpha Order
Lambda Chi Alpha
Phi Delta Theta
Sigma Nu
Sigma Phi Epsilon
Tau Kappa Epsilon



and the following local fraternity:

X Club

The Panhellenic Council is composed of chapters of the following women's national fraternities:

Alpha Phi
Chi Omega
Gamma Phi Beta
Kappa Alpha Theta
Kappa Kappa Gamma
Phi Mu
Pi Beta Phi

THE INDEPENDENT MEN AND INDEPENDENT WOMEN are organizations that are composed of students who are not members of fraternities. They enjoy the same privileges as the fraternities and compete with them in intramural activities. They also participate in the student government.

THE ROLLINS KEY SOCIETY is an honorary society founded in 1927 for the purpose of fostering interests in all campus and scholastic activities, and promoting the welfare of Rollins College. Membership is open to juniors and seniors who have maintained the equivalent of an A minus (11.00) over-all average for no less than six consecutive terms, including at least one in the junior year.

THE ORDER OF THE LIBRA, an honorary society for junior and senior women, was organized in 1935 for the purpose of recognizing balanced living and broad interest, and for encouraging further development in high scholarship, extracurricular activities, generous citizenship, and integrity of character.

OMICRON DELTA KAPPA, a national honorary service fraternity, was installed at Rollins in 1931. Membership is conferred on junior and senior men who have distinguished themselves in scholarship, athletics, student government, social and religious affairs, publication work, and the arts.

O.O.O.O. is a men's honorary organization, the purpose of which is to create, preserve, and foster the traditions and ideals of Rollins; to promote respect for the customs of the College; and to develop a spirit of leadership and co-operation in the student body.

PHI SIGMA IOTA, Romance Language Honor Society, has for its purposes the recognition of outstanding ability and attainments in Romance languages and literatures, the stimulation of advanced

work and individual research in this field, and the promotion of a sentiment of amity between our own nation and the nations using these languages.

PHI SOCIETY is a first-year honorary scholarship society encouraged by Phi Beta Kappa and having chapters at several colleges. The academic requirement is an over-all average of B plus (10.0) or better (preferably 10.20), for the freshman year and in the upper 10 per cent of the class.

PI GAMMA MU, National Social Science Honor Society, through the Florida Delta Chapter installed at Rollins in 1932, confers membership on juniors and seniors distinguished in the social sciences and having a minimum of thirty term hours in the four core subjects of history, political science, sociology (including anthropology), and economics (including geography), with no academic failure in any of the above and with an average grade therein of not less than B.

THE "R" CLUB is composed of letter-men who have been awarded their "R" in a varsity sport. The purpose of the club is to promote sportsmanship, co-operation, and interest in athletics. Membership is by invitation only.

WOMEN'S "R" CLUB affords recognition to those who have excelled in the Intramural Sports Program. Membership in this club is awarded on the basis of good sportsmanship and athletic ability. The Women's "R" Club is the governing body of the Women's Intramural Board.

CIRCLE K CLUB is a service organization for college men. The Rollins Circle K Club was chartered in early 1965 and was sponsored by the Winter Park Kiwanis Club. Membership is open to those men interested in service activities on the campus and in the community.



THE ROLLINS PLAYERS, under the direction of the Theatre Arts Department, presents a series of plays during the year in both the Annie Russell and the Fred Stone Theatres. This organization is composed of students who have done outstanding work in dramatics. A point system for work accomplished in acting and stagecraft has been established as a basis for membership. Tryouts for all plays produced by The Rollins Players are open to all Rollins students, with preference given to Theatre Arts majors.

THE ROLLINS SCIENTIFIC SOCIETY, organized in the fall of 1942, has as its purpose the bringing together of students interested in discussing and hearing about advancements within all fields of Science. Membership in the society is open to sophomores, juniors, and seniors who have had one year of a science. Membership is based on a paper submitted to the Society by the applicant.

THE ROLLINS STUDENT ORGANIZATION FOR PEACE is a non-political organization whose object is to

study, discuss, and inform others of the possibilities of working toward world disarmament and lasting peace.

THE SIGMA XI CLUB of Rollins College was organized by members of Sigma Xi in the Science Division and in the Central Florida community, and was granted a charter by the National Society of the Sigma Xi in January, 1953. Its purpose is to encourage investigation in science, pure and applied. It makes grants available to students working on senior projects in science, and recognizes an outstanding junior and senior science major each year with the Sigma Xi Award.

THE SPANISH CLUB is an organization that is open for membership to those who are studying Spanish or are interested in Spanish language, history, literature, and civilization.

THE HAMILTON HOLT CHAPTER of the Student Educational Association is the local organization of the state and national education associations. It encourages interest in the profession of teaching, and promotes selective recruitment of young men and women for the career of teaching. It gives practical experience for working in a democratic way on the problems of the profession and of the community.

THETA ALPHA PHI is a national honorary dramatic fraternity. Florida Gamma Chapter was installed at Rollins in 1938. Juniors and seniors who have done superior work as actors and technical workers are eligible for membership.

ZETA ALPHA EPSILON is an honorary scientific fraternity, the purpose of which is to give recognition to outstanding students, and to promote a broadened interest in science.

MUSICAL ORGANIZATIONS are listed under Music Activities.

ALUMNI ACTIVITIES

Founded in 1898, the Rollins College Alumni Association today embraces almost 8,000 graduates and former students. Students who spend one academic year or more at Rollins are automatically eligible for membership.

Alumni volunteer leadership is provided by a 15-member Board of Directors who serve for three-year terms; to preserve continuity, these terms are staggered so that five members are elected each year. The Board of Directors selects its own officers. In addition, the Alumni nominate candidates for the three Alumni representatives who serve on the College Board of Trustees.

The Director of Alumni Affairs supervises and coordinates Alumni activity from his campus office at Alumni House, and serves as a liaison between the Alumni and the College administration.

All Alumni records are kept in the Alumni House.

An Alumni magazine (*Rollins Alumni Record*) is published and distributed to all Alumni. Class reunions are held annually on the campus.

Alumni Clubs exist, or are being formed, in several major metropolitan areas throughout the country. Every state in the union and several foreign countries are represented by Rollins Alumni.

Below: Enyart-Alumni Field House



Rollins Alumni have been consistently helpful and generous in support of their Alma Mater, and are constantly reviewing their activities in an effort to increase the effectiveness of their efforts.

COMMUNITY ACTIVITIES

PUBLIC SERVICE

In order to carry out the aims of Rollins College to render service to the communities and to the state, as well as to its undergraduate body, public lectures and addresses are offered by many of the members of the Rollins faculty. The topics they cover have a wide range, and include international relations, political theory, readings in English literature, scientific subjects, and music. This service receives the full co-operation of the public schools and social agencies.

SPEAKERS BUREAU

The purpose of the Rollins Speakers Bureau is to provide a student organization through which undergraduates who have ability and interest in public speaking may gain further effectiveness and experience. The Speakers Bureau affords its members this opportunity to improve all aspects of their speaking skill by means of two major programs:

1. Speeches, debates, and discussions for the campus and public groups throughout Central Florida;
2. A season of intercollegiate debating, participation in the model United Nations and in conferences on international problems.

A brochure is published by the Bureau explaining the availability of its services. This publication is widely circulated in the Central Florida area.

MILITARY ACTIVITIES

The 479th Military Intelligence Detachment
(Strategic)

Lt. Col. Norton O. Braxton, *Commanding Officer*

Through an affiliation agreement concluded with the Assistant Chief of Staff, Intelligence, Department of the Army, in 1949, the 479th Military Intelligence Detachment was activated at Rollins College in 1950. As an early-ready unit in the Active Reserve of the United States Army, it has a Table of Organization of three officers and four enlisted men. It serves both as a collecting and training unit for the office of the Assistant Chief of Staff, Intelligence. In filling vacancies in the unit, preference is given to those members of the Rollins College faculty and student body who are qualified and approved by the Assistant Chief of Staff, Intelligence. Under present regulations, students who have had extended active duty for six months or more are eligible for consideration.

PLACEMENT BUREAU

Rollins College maintains a Placement Bureau, which is a member of the Southern College Placement Association and the College Placement Council, to help graduates of the college find opportunities in business, industry, government, education, and non-profit organizations. The Bureau has available career information, lists current employment opportunities, and arranges for campus interviews with employer representatives visiting the campus.

The Bureau also acts as a clearing house for part-time work on and off the campus and for summer work. No charge for this service is made to students, alumni, or employers.

THE ROLLINS ANIMATED MAGAZINE

Among Rollins "periodicals" is the *Rollins Animated Magazine*, "published" on the College campus during Founders Week in February. Contributions are made by national and international figures, and are presented by the authors in person. Each year from three to six "contributors" read their manuscripts before an audience of avid "subscribers."





LATIN AMERICAN PROGRAM

The Latin American Program is one of the oldest in the United States. Foundations for it were laid in the middle 1890's, when Cuban students whose education was being seriously impaired by the struggle for independence in that island came to Rollins.

During the administration of President George Morgan Ward, 1896-1902, students came to Rollins from various parts of the Hispanic-American world. In the next decade under the administration of President William Fremont Blackman, the Latin American program was considerably broadened. In the long administration of President Hamilton Holt, 1925-1949, courses relating to Spain, Portugal, and Latin America were introduced. Lecturers of national and world distinction came frequently to the campus.

In 1942 the Latin American Program was formally organized by Professor A. J. Hanna in association with Professor Angela P. Campbell of the Spanish Department. Under her guidance headquarters were established at Casa Iberia, a Spanish-type building which she developed into a living museum of Spanish art.

During World War II the United States government extended financial aid to the Rollins program as part of the national effort toward Western Hemi-

sphere solidarity. Two endowments were established during this period, one for the administration of the Casa Iberia, Inter-American Center, and one for a history professorship.

Since the beginning of the Hugh F. McKean administration in 1951 two other endowments have been established—namely, the Bowers Fund for the purchase of books and the Latin American Scholarship Fund which is for the purpose of aiding students from Latin American countries to come to Rollins.

The Latin American Studies concentration was established in 1957 and includes a variety of interdisciplinary courses which are described elsewhere in this catalog. Other aspects of the Rollins Latin American Program are frequent forums at which outstanding speakers discuss contemporary problems, the Cafezinho Book Reviews on Saturday mornings during the winter term, and annual opportunities for field studies.

THE CENTER FOR PRACTICAL POLITICS

The Center for Practical Politics, located in Carnegie Hall, was established in 1957 under grants from the Maurice and Laura Falk Foundation. The purpose of the Center is to encourage participation in political activity through political parties as a condition of responsible citizenship. The program is carried out through the Rollins College Young Democratic and Republican Clubs which have offices in the Center; through an advisory committee representing both political parties; through classroom seminars and internships at local, state, national, and international levels; through personal projects and research tasks; and through an advanced study group.



Curriculum

THE NEW CURRICULUM

The faculty of Rollins College has adopted a new curriculum and academic calendar effective September, 1966. This curriculum, called the "Hour-Glass Curriculum," is based upon a liberal arts educational pattern from the freshman year to graduation, and is designed to assure broadly educated graduates, well prepared in a field of concentration.

The new curriculum takes into account the preparation of entering students and builds upon their educational background in a systematic way by providing Foundation Courses to integrate the knowledge students have acquired. It introduces them to some of the best minds of the College in all fields, and sustains and further develops the inquisitiveness and motivation of each freshman. It provides a better basis upon which each freshman may select his major field of interest through early introduction to most major disciplines and to many of our senior and superior teachers.

The middle years (sophomore-junior) provide each student the opportunity to concentrate in a particular discipline, to take an equal number of credits in related and other courses, and to engage in directed individual study (sophomore year) or independent or self-directed study (junior-senior years).

The senior year builds further upon the Foundation Courses and the middle years of study by integrating knowledge within the discipline (Senior Divisional Seminar), within the particular field of knowledge (Major Discipline Seminar), and be-

tween and among fields of knowledge (Interdisciplinary Seminar). Self-directed and independent study and senior comprehensive examinations are a vital part of the final year.

The College, through this new curriculum, is assuming a dual obligation—to prepare students for graduate schools and appropriate jobs, and to educate them more broadly as human beings. Inherent in the curricular plan is the philosophy that each student should move from a passive absorption of knowledge to self-motivated learning, and that each student must gain a perspective which can relate his own special field to much wider areas of human knowledge.

THE NEW ACADEMIC CALENDAR

Beginning September, 1966, the academic calendar consists of a 12-week fall term, an 8-week winter term, and a 12-week spring term at all levels.

The short winter term has been adopted to place emphasis on individual and independent study, to concentrate required intermediate-level language courses in four-week instruction sessions, and to provide an opportunity for students deficient in English Composition to take four-week non-credit courses in the subject. Additionally, 8-week regular courses will be offered during the winter term.

The fall and spring terms are devoted to regular classroom instruction in all subject matter areas offered by the College. Freshman Foundation Courses and Senior Integration Seminars will be offered only during the fall and spring terms.

An Honors Degree program, offered to qualified incoming freshmen for the first time in September, 1965, is considered in detail on pages 19 and 20.

MAJORS

Effective with the incoming freshman class in September, 1966, Rollins College offers only the Bachelor of Arts and the Honors Bachelor of Arts degrees in the undergraduate college in the following major fields:

Art

Behavioral Science

(Anthropology,
Psychology,
Sociology)

Biology

Chemistry

Economics

Elementary Education

English

Expressive Arts

(Art, Music,
Theatre Arts)

Foreign Language

French

German

Spanish

History and

Public Affairs

(History, Interna-
tional Affairs,
Latin-American
Studies, Political
Science)

Mathematics

Music

Philosophy

Physics

Pre-Medicine

Theatre Arts

COMBINED MAJOR

A combined major in two departments may be earned if approved by a student's adviser, the departments concerned, and the Dean of the College. Such majors must have coherence and depth, and be deemed to meet better the needs of the individual student than the normal majors offered.

Combined majors normally require the completion of two-thirds of the courses required in the regular major of each department concerned, and will reduce proportionately the number of credits which can be earned in other areas.



REQUIREMENTS FOR GRADUATION

To be eligible for the Bachelor of Arts degree, effective with the entering freshman class in September, 1966, the following general requirements are stipulated:

1. **RESIDENCE REQUIREMENTS.** The entire senior year (i.e., the last 48 credits leading to the Bachelor's degree) must be taken at Rollins College. For special requirements in cooperative programs with other colleges or universities see pages 29 through 35.

2. **GRADE REQUIREMENT.** A student must have a minimum academic average of 6.00 (C) for all courses taken at Rollins. For an explanation of grades and scholastic requirements, see page 66.

3. **CREDIT REQUIREMENT. Total Hours.** Completion of 180 credits of academic work and two years (6 terms) of Physical Education during the Freshman-Sophomore years.

The following specific requirements must be observed:

a. Satisfactory completion of a 200-level foreign language.

b. Satisfactory accomplishment in English Composition.

c. 36 credits of Foundation Courses (Humanities, Science, and Social Science)

d. 24 credits of Senior Integration Courses.

e. 60 credits of specified courses in a major field. The Department of Music requires additional credits in applied music.

f. 60 credits of related and other courses outside the major field and directed individual study courses.

g. Freshmen may take only 100-level courses except in unusual cases and then only by special permission. One exception to the general rule is the 200-level intermediate language requirement.

h. Two years (6 terms) of Physical Education to be completed during the freshman-sophomore years.

Graduating seniors must participate in the annual Commencement unless excused for a valid reason by the Dean of the College.

EXPLANATION OF COLLEGE ACADEMIC REQUIREMENTS

FOREIGN LANGUAGE. The College feels that all of its graduates should have some acquaintance with a foreign culture through the study of its language. Every student, therefore, is required to achieve proficiency in a foreign language equivalent to completion of the second-year college course. Interested students are urged to elect further work in either advanced foreign languages or area studies. Students who have studied a language in secondary school are advised to continue the study of the same language. The language requirement must be completed not later than the sophomore year. Special permission to complete this requirement in the junior year will be granted only under unusual circumstances.

The language requirement can be met in the following ways:

a. Students whose score on the achievement test shows an achievement equivalent to the satisfactory completion of a second-year college course will be excused from further language study.

b. Students who began a language in high school may complete the second year course in that language in college. A student who has taken two or

more years of a language in high school may not take for credit the first year college course.

c. Students who begin the study of a new language in the College must complete the 100- and 200-level language courses.

ENGLISH COMPOSITION. All students must give evidence to the Faculty of the ability to write correctly, clearly and effectively. This evidence may be in the form of a sufficiently high score on the English Achievement Test of the College Entrance Examination Board, or satisfactory work on written assignments in the required foundation courses. Any student whose written work, in the opinion of the faculty of the foundation courses, is substantially below the standards of good writing may be required to take a four-week, non-credit course in composition during the winter term of his freshman year.

PHYSICAL EDUCATION. Two years of Physical Education, unless excused for medical reasons, are required of all students for graduation. A satisfactory grade must be achieved. Each student carries the required Physical Education course regularly through each term of the first two years. If a student receives a failing grade in two terms of physical education, he will be warned. After the third failure, he will be placed on academic probation for the following term.

COURSE LOAD

A full academic load is defined as 16-20 credits during the fall and spring terms and 12 credits during the winter term. Any student registering for more than 20 credits in the fall and spring terms or more than 12 credits in the winter term must have the program approved by his adviser and by the Dean of the College or the Registrar.

The Foundation Courses must be completed by the end of the sophomore year.

EVALUATION OF THE STUDENT'S WORK

The report card is based on the following principles:

a. The evaluation of a student should be an appraisal of his desirable habits and qualities of character as well as of his academic achievement.

b. The report should be an individualized evaluation. The goal at Rollins is the education of the individual. This is achieved by regarding each student as an individual. Hence the report card provides for individualized grading. It also offers an opportunity to evaluate many habits and traits of character.

The instructor records letter grades and any other evaluations he feels should be made.

Grade A is reserved for work that is exceptional in quality, for work showing keen insight, understanding, and initiative well beyond the requirements of the course. This grade cannot be earned solely by conscientious preparation of assigned work or by high grades on tests.

Grade B is given for work that is consistently superior, for work that shows interest, effort or originality that lifts it well above the average. Conscientious preparation of assigned work alone does not merit B; the grade is a recognition of quality.

Grade C is a respectable grade. It is the minimum grade required for graduation. It assumes regular attendance at class, punctuality, consistent preparation of work day by day, and completion in a satisfactory manner of all work required in the course.



Grade *D* is an unsatisfactory grade. It is below the standard necessary for meeting graduation requirements.

Grade *F* is failing.

For each term hour of credit, letter grades are assigned quality points as follows:

Grade A	12 quality pts.	Grade C—	5 quality pts.
Grade A—	11 quality pts.	Grade D+	4 quality pts.
Grade B+	10 quality pts.	Grade D	3 quality pts.
Grade B	9 quality pts.	Grade D—	2 quality pts.
Grade B—	8 quality pts.	Grade F	0 quality pts.
Grade C+	7 quality pts.	Grade WF	0 quality pts.
Grade C	6 quality pts.	Grade XF	0 quality pts.

A grade of *I*, indicating that the work of a course is *Incomplete*, may be assigned only when circumstances beyond the control of the student, such as illness or necessary absence from the campus, have made it impossible for the student to complete the work of the course within the normal period. The student receiving a grade of *I* must complete the work of the course within the next succeeding term of residence in the College. Failure to complete the course within one term will result in the assignment of a grade of *F*.

Grade reports of all first-year students are sent to their secondary schools.

THE GRADUATE RECORD EXAMINATION

All seniors are urged to take the Graduate Record Examination (Aptitude). Most graduate schools either require or request candidates to take this examination. It is given each year at Rollins, which serves as a Center for this purpose, and is so designated by the Educational Testing Service of Princeton, New Jersey.

CLASSIFICATION OF STUDENTS

Sophomore standing	42 credits
Junior standing	88 credits
Senior standing	132 credits

plus satisfactory completion of 2 years of Physical Education.

REGISTRATION

Students must present themselves for registration on the days that are assigned for that purpose. Completion of registration after the regularly appointed period subjects the student to a fine of \$5.

CHANGE IN REGISTRATION

Any change in registration must be made during the first week of the term. Approval of changes later in the term will be granted by the Dean of the College or the Registrar only to meet circumstances beyond the control of the student.

TRANSFER STUDENTS

Transfer students must meet all of the Rollins requirements if they expect to graduate from Rollins. (See pages 38 and 39, Admission, for further details.)

CLASS ATTENDANCE

Rollins employs a variety of instructional methods with a corresponding variety of class attendance requirements.

In view of this variety, the College makes a distinction between *absence from class* and *overnight absence from the College*. Permission to be absent from the College must be obtained from the Student Deans. Permission to be absent from a specific class must be obtained from the professor responsible for that class. Hence, a student who wishes to be absent from the College must obtain both permission from the Student Deans and from his professors.

A student who is absent from the College without permission from the Student Deans will be subject to appropriate disciplinary action, which may include dismissal from the College. A student who is absent from any class without the permission of his instructor may be penalized by lowering

his grade for the course or, in extreme cases, he may be referred to the Academic Standing Committee, who may place him on academic probation or require him to withdraw from the College.

Each student will be held responsible for all absences from class. When a student is absent, it is his responsibility to arrange with his professor to make up the work deemed necessary. In this respect, there is no differentiation between excused and unexcused absences. If a student is not in attendance at class he is considered absent.

Violations of the foregoing attendance policy immediately before or after a holiday or vacation will be treated more severely than violations at other times.

ACADEMIC WARNING AND PROBATION

Academic warning and probation are not to be considered as punishment, but are intended to give the student opportunity and encouragement to achieve and maintain good academic standing. In order to protect the academic standards of the College, warning and probation also serve as notice to the student and to his parents or guardian that dismissal may result from failure to improve his academic record.

A student may be placed on academic probation whenever his record endangers his reasonable progress toward a degree according to standards established by the Academic Standing Committee. If in the opinion of the Committee it is in the best interests of the student, a term of academic warning may be substituted for the first term of probation. Actions of this Committee in individual cases are based on consideration of all factors presented in each case, and such individual actions are not to be considered as establishing precedent or policy.



A student on academic probation is not in good standing and may not represent the College in extracurricular activities, own or maintain a motor vehicle, or hold a scholarship. The student may be asked to abide by additional regulations determined by the Committee. A student who has been placed on probation for unsatisfactory academic standing must complete one term with a satisfactory record after being removed from probation before being eligible for initiation into a fraternity or sorority.

ACADEMIC STANDARDS. A student is ordinarily placed on academic probation under the following conditions:

1. If in any term his academic average for that term is substantially below C.
2. If at any time his cumulative academic average jeopardizes his normal progress toward eligibility for graduation.

In applying this condition, a graduated scale is used. A freshman may remain in satisfactory academic standing if his cumulative academic average is C—; a sophomore slightly above C—; a junior slightly below C; a senior must maintain a cumulative average of C.

A student who fails to attain a satisfactory academic standing after a term of academic probation will be considered for dismissal from the College.

As a matter of general policy, the probationary period for a freshman will be extended to the end of his first year if such extension appears to be in the best interests of the student.

REMOVAL FROM ACADEMIC PROBATION. A student on academic probation will ordinarily be removed from probation if in the next succeeding term he carries a normal academic load and substantially remedies the deficiencies for which he was placed on probation.



ACADEMIC DISMISSAL

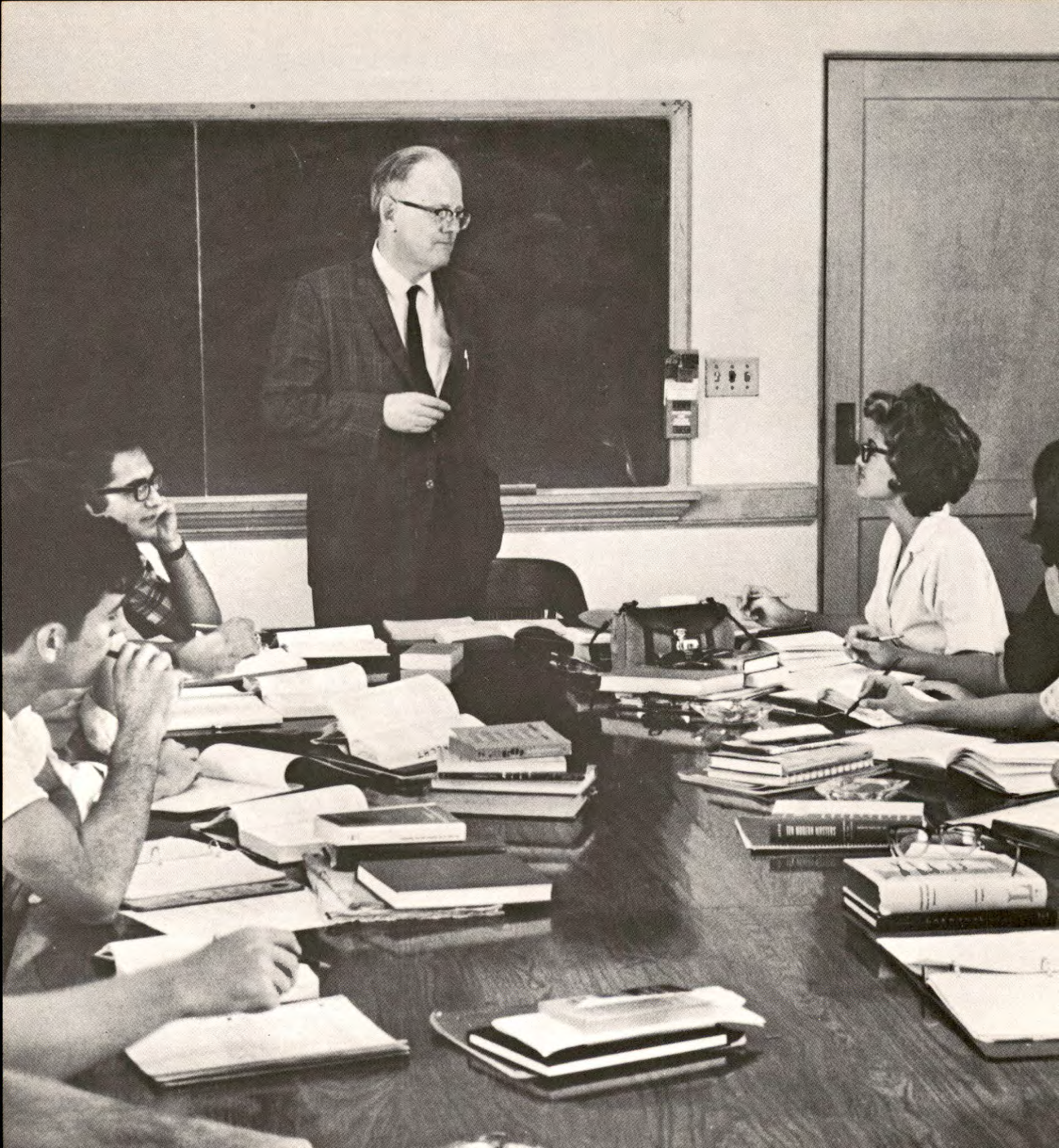
If a student on academic probation does not show satisfactory progress and achievement by the end of the term, he is usually dismissed from the College.

Any student, freshman or upperclassman, may be dismissed from the College without a previous term of academic probation if his record in any term is of such poor quality that continuation in the College appears unjustifiable.

DROPPING WORK

Work for which a student has once registered may not be dropped except by formal permission of the adviser, the instructor, and the Dean of the College or Registrar. Drop cards may be secured from the Registrar's Office. A course dropped after the first week of classes in any term is recorded as W if the work to date is passing, or WF if failing, on the student's permanent record. WF is included in computing a student's average. The grade of XF is recorded for a course abandoned without an official withdrawal, and is computed in the average as a failure.

After the middle of any term, a student may not withdraw from a course without a failing grade, except for illness or other major reason to be defined and recommended by the Student Deans.



Courses of Instruction

NUMBERING OF COURSES

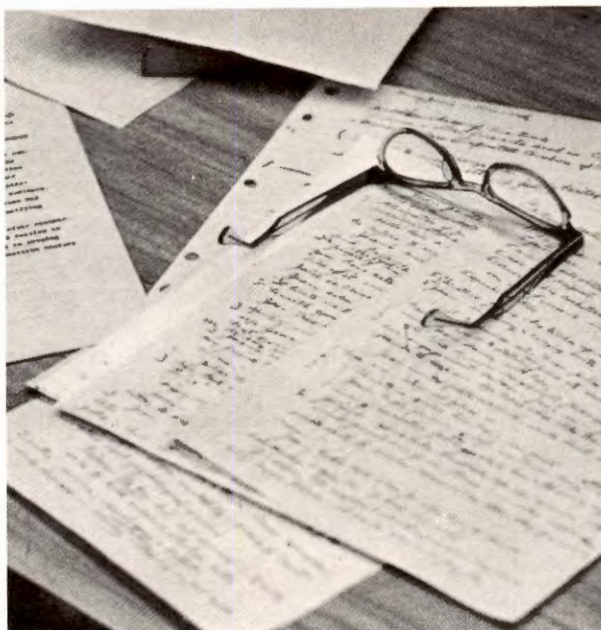
The following system is used in the numbering of courses: courses open to freshmen are numbered from 100 to 199; courses open to sophomores are numbered from 200 to 299 (200-level foreign language courses are open to qualified freshmen); courses open primarily to juniors and seniors are numbered 300 and above. The term is indicated with a letter: F, fall term; W, full winter term; Wa, first half of winter term; Wb, second half of winter term; S, spring term. Course offerings and terms are subject to change. An official course schedule is printed before the opening of the fall term.

CREDIT PER COURSE

The number of credits given for each course is listed with the course description. One credit is equivalent to one quarter-hour or two-thirds of a semester-hour. One semester-hour is equal to one and one-half credits.

Foundation Courses

The Foundation Courses in the Humanities and Social Sciences were established in September, 1966. In September, 1967, two Science Foundation Courses will be offered—one in Biological Sciences and one in Physical Sciences. All students must complete the Humanities and Social Sciences Foundation Courses and one of the Science Foundation Courses. These courses comprise the normal freshman year program.



The Foundation Courses are taught by groups of selected teachers representing the major disciplines within each field; hence not only will each freshman be exposed to some of the leading scholars on the faculty, but each student will be provided with a sound basis for selecting a major field of interest at the end of the freshman year.

Two lectures and two discussion sessions and laboratory work in Science, extensive outside reading and preparation will form the weekly instructional pattern and requirement for each course. The teaching groups will give serious attention to composition work on papers and examinations. Any student whose composition work in the Foundation Courses is below standard will be required to take a non-credit English Composition course during the winter term.

HUMANITIES

Lane (*Chairman*), Brewer, Conway, Folsom, Gallo, Hamilton, Stadt, Wavell

FC 101F, 102S. THE GENESIS OF THE MODERN WORLD: A study of Seventeenth and Eighteenth Century Society, Its Thought and Expression.

6 credits

This course consists of a study of the interrelationships of Seventeenth and Eighteenth century social, political, intellectual, and artistic events and achievements, with special emphasis being given to those most relevant to an understanding of today's world. Primary aim of the course is to instill in the student the habit of viewing these events and achievements as interrelated rather than isolated phenomena. It is further designed to introduce the student to the forms and methods of the various humanistic disciplines in order to prepare him for later study in each of them and to aid him in making an intelligent choice of his major field of study.

SOCIAL SCIENCES

Fletcher (*Chairman*), Bisceglia, Blanco, Kay, MacPherson, Strong, Summers

FC 111F, 112S. MAN IN THE TWENTIETH CENTURY: A study of Political, Economic, Social and Psychological Factors in Contemporary Civilization.

6 credits

This course is designed to be an exploration of behavior patterns of mankind in the twentieth century as influenced by political, economic, social, and psychological factors.

In the fall term, five major crisis periods will be studied—the war of 1914, problems of peace in 1919, the global depression, authoritarian move-

ments, and World War II.

The spring term will consist of study of contemporary problems in specific geographic areas as influenced by the experiences of the crisis periods studied in the fall term. The areas to be studied include Europe, the Western Hemisphere, southeast Asia and Africa. The term will end with a study of international order and appraisal of the condition of man in the latter half of the twentieth century.

This course will introduce the student to the ways in which anthropology, economics, history, political science, psychology and sociology approach the study of mankind's problems.

BIOLOGICAL SCIENCES

Vestal (*Chairman*), O'Brien, Sandstrom, Scheer, Shor

FC 121F, 122S. THE BIOLOGICAL WORLD: 6 credits

The course is designed as an introduction to the understanding of organisms and how they live. The field of biology is immense and complex. The great diversity of organisms, the many methods of study and the large number of concepts and ideas make it imperative that a selection be made. Through a series of short books, each selected topic is presented in depth, by a specialist in his area. We believe a balanced emphasis on molecules, the origin and development of cells, organisms, populations, communities and ecosystems is essential to an appreciation of the significance of life. At all levels in our study the work of the specialists is combined to illuminate the major concepts of contemporary biology.

PHYSICAL SCIENCES

Hellwege (*Chairman*), Cochran, Jordan, Mulson, Pearce

FC 131F, 132S. THE PHYSICAL NATURE OF THE UNIVERSE (From Nuclei to Nebulae). 6 credits

The nature of the physical universe will be approached from the observational viewpoint. Starting with an analysis of the earth and its surface features, the course will develop the concepts of motion and energy, as they apply to satellites, the planets, and the sun. Observations of the stars will lead to an understanding of their properties and their groupings into galaxies. The evolution of matter will be illustrated through a study of the age and structure of the universe.

Laboratory experimentation will be an integral part of the course work.

Art

Ortmayer (*Head*), Brewer, Hallam, McKean, Peterson

A major in Art requires broad fundamental training in the various phases of art expression. The student should have a thorough understanding of fundamental art principles. He should be able to analyze art problems and achievements of the past and present. Emphasis on creative thinking is the aim of the department's program.

Every student must schedule the two courses, Principles of Art 131 and 132 (should be taken in the freshman year), and the two courses, Introduction to Art History, 101 and 102.

He may choose between a program in Studio Concentration or Art History Concentration and will schedule his courses accordingly, as follows:

Studio Concentration

Principles of Art	12 credits
Introduction to Art History	8 credits
Painting	8 credits
Sculpture	8 credits
Advanced Studio	12 credits
Major disciplinary seminar	6 credits
Independent Study	6 credits
Total	60 credits

Art History Concentration

Principles of Art	12 credits
Introduction to Art History	8 credits
Period Concentration	20 credits
Painting or Sculpture	8 credits
Major disciplinary seminar	6 credits
Independent Study	6 credits
Total	60 credits

Related Courses

1. Period Art History
(Strongly recommended for students taking Studio Concentration)
2. Aesthetics
3. Modern European History
4. A second History course
5. Modern Poetry or Introduction to Philosophy

All graduating Art majors must participate in the Senior Art Exhibit at the end of their senior year.

131F, 132S. PRINCIPLES OF ART 6 credits
A basic practice course in the theory and application of color and design fundamentals, including work in drawing, painting, and three-dimensional construction. Required of majors. Open to all students.

198W. 8 WEEKS DIRECTED STUDY 6 credits

201F, 202S. INTRODUCTION TO ART HISTORY 4 credits
A general introduction to the visual arts. Works of architecture, sculpture, and painting studied through illustrated lectures and discussions. Class work supplemented by outside reading and reports. Required of majors.

231F, 232S. PAINTING 4 credits
Intermediate-level studies in the problems of still life, landscape, and figure painting, employing tempera, oil, polymer and various drawing media. Prerequisite: Principles of Art or consent of the instructor.

251F, S. ELEMENTARY SCULPTURE 4 credits
A course in fundamentals of sculpture. No previous training required. Open to all students.

254F, 255S. INTERMEDIATE SCULPTURE 4 credits
Basic problems in modeling and carving. Prerequisite: 4 credits.

298W. 8 WEEKS DIRECTED STUDY IN PAINTING, SCULPTURE, OR ART HISTORY 6 credits

304F, 305S. ADVANCED SCULPTURE 4 credits
Students work on projects of their own choosing. Prerequisite: 8 credits and consent of the instructor.

309. MEDIEVAL ART AND ARCHITECTURE 4 credits
A study of architecture, sculpture, and painting. Lectures consider decline of classical art, emergence of early Christian art, the interrelationships between arts of the east and those of the west. Special attention is given to sources and development of Romanesque and Gothic styles, examined as symbols of human life, belief, and ideas. Sophomore standing. (1967-68).

311. RENAISSANCE ART 4 credits
The development of Renaissance art in Italy from the 14th to the early 16th century. Analogies between visual arts and contemporary humanist ideal are sought out. Sophomore standing. (1967-68).

313F. MANNERIST AND BAROQUE ART 4 credits
Sources of Italian Baroque style are examined in context with the Reformation and Counter-Reformation. Dutch, Flemish, French, and Spanish 17th-century art considered. Prerequisite: Art 311.

319F. ARTS OF ANCIENT CIVILIZATIONS 4 credits
This course concentrates on Egypt, Mesopotamia, Anatolia, Crete, Greece, and Rome, tracing the intermingling of influences in architecture, sculpture, painting and the minor arts. Prerequisite: Sophomore standing or Art 202.

321. NINETEENTH CENTURY ART 4 credits
This course traces the succession of styles of nineteenth century painting, highlighting the leadership of France, and showing in the pictures of the nineteenth century the basis for abstract art of the present time. Sophomore standing.

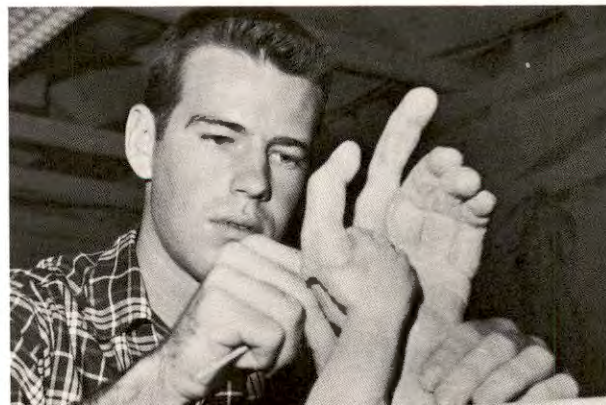
322. AMERICAN ART 4 credits
A study of the architecture, sculpture, and painting in America from the founding of the colonies to the present time. The course traces America's emergence from a reflection of European influence to contemporary leadership in the arts. Sophomore standing.

323S. CONTEMPORARY ARTS 4 credits
A study of roots and trends in painting, sculpture, and architecture since Realist-Impressionist movements of the 1860's. Artistic problems and ideas studied in context of social and political life and as symptoms of crises and deep changes in modern civilization. A prerequisite of one course in art history is advised. Junior standing.

331F, 332S. ADVANCED PAINTING 4 credits
Studies in several media, concentrating on the student's individual development. Prerequisite: 8 credit hours in painting and consent of the instructor.

398W. SELF DIRECTED STUDY IN ART HISTORY, PAINTING, OR SCULPTURE 6 credits

499W. INDEPENDENT STUDY IN PAINTING, SCULPTURE, OR ART HISTORY 4 or 6 credits
Consent of the Art Department is required.



Behavioral Science

Kay (*Head*). Burnett, Strong, Wright

BEHAVIORAL SCIENCE is concerned with human behavior from the standpoint of both the individual and the group. Relevant aspects of three disciplines, psychology, sociology, and anthropology, are combined in order to provide students with both knowledge and understanding of individuals and interacting groups.

The student who elects to major in Behavioral Science will take, during the sophomore year, Behavioral Science 201 and 202, Basic Principles and Methods; Behavioral Science 203, Introduction to Research Techniques; and Behavioral Science 204, Elementary Statistics—for a total of 16 hours in required courses. During the sophomore and junior years, the student will take an additional 26 hours in 200- and 300-level courses from the curriculum of the department in a pattern of electives providing an area of concentration worked out with the aid of the major professor and approved by the department. This pattern of courses will be designed to meet the objectives of the "hour-glass" curriculum and qualify the student for graduate school. In the senior year, Behavioral Science majors will take an additional 18 hours in a seminar and senior research in the Department of Behavioral Science utilizing the concepts covered in the sophomore-junior-level courses of the department.

201F, 202S. BASIC PRINCIPLES AND METHODS 4 credits
An introduction to the field of Behavioral Science, this course will include man's biological heritage; properties common to all living organisms; evolutionary aspects with emphasis on man and the concepts of instinct, motivation, and drive. This course will cover also the various fields of group interaction and collective behavior.

203W. INTRODUCTION TO RESEARCH TECHNIQUES 4 credits
In this course, the student will be familiarized with basic research approaches and techniques in the fields of psychology, sociology and anthropology. Prerequisite: Behavioral Science 201.

204W. STATISTICAL METHODS FOR BEHAVIORAL SCIENCE 4 credits
A treatment of descriptive and inferential statistics including parametric and distribution-free methods. The student will become acquainted with a number of correlation techniques and with various forms of the analysis of variance. Prerequisite: Behavioral Science 201.

250F. PREHISTORIC MAN 6 credits
The prehistoric development of homo sapiens and human cultures. The literature on the findings of anthropologists and archeologists is studied to develop in time perspective an understanding of man's emergence into the historic period.

251S. CULTURAL ANTHROPOLOGY 6 credits
An intensive study of the main concepts, methods, and materials of cultural anthropology.

301F. POPULATION 4 credits
An introduction to the basic principles of demography. This course will include the important contributions of population analysis to the understanding of society and the trends in population changes.
(Not offered 1967-68)

302S. COMPARATIVE SOCIAL STRUCTURE 4 credits
A study of the variations in social structure that are characteristic of human societies. Included is an analysis of American social structure, and that of the U.S.S.R.
(Not offered 1967-68)

303F. SOCIAL CHANGE AND SOCIAL PROBLEMS 4 credits
An examination of the rates of change and trends that take place in a society and the problems arising from social change. Consideration is given to the social setting of the major areas of deviant behavior.

308S. THE FAMILY 4 credits
Study of the family as the basic unit of society, including the functions of the family, institutions of courtship and marriage, and the socialization of the child. Some attention is given to family disorganization.

310W. ABNORMAL PSYCHOLOGY 6 credits

A study of behavior disorders in relation to normal behavior and mental health; survey of methods of classification, diagnosis, treatment and prevention of psychopathology.

312F. ADVANCED STATISTICAL METHODS FOR THE BEHAVIORAL SCIENCES 6 credits

General coverage in this course will be the use of various correlation techniques, inference and hypothesis testing, and multivariate analysis.

317F. COMMUNITY DEVELOPMENT 4 credits

A study of folk, peasant, and rural communities and trends in urbanization. The relation of community organization to the structure of the society is considered, as well as changes created by technology and planning.

322S. DEVELOPMENT OF SOCIAL THEORY 6 credits

An analysis of the important literature in the development of sociological theory. Characteristics of schools of sociological theory and their contribution to research are emphasized.

331F. EXPERIMENTAL PHYSIOLOGICAL PSYCHOLOGY 6 credits

An introduction to the biological basis of behavior emphasizing methodology and the research literature in the various areas of neuro-psychology.

332S. EXPERIMENTAL LITERATURE AND RESEARCH DESIGN 6 credits

A study of psychophysics, research on learning, and the design analysis of experiments. The course will include the formulation and conduct of psychological experiments, interpretation of results, and written reports.

351F. CULTURE PATTERNS AND PERSONALITY 4 credits

The anthropological contributions to an understanding of the development of personality. Topics included are the variations in personality associated with variations in culture; concepts of national character; and the range of personality differences due to various cultural factors in both modern and pre-literate cultures.

(Not offered 1967-68)

352S. COMPARATIVE CULTURAL PATTERNS 4 credits

The variations in culture arising in both primitive and advanced societies and the resulting impact on personality.

361F. LEARNING THEORIES

The contributions of experimental and theoretical psychology to the problem of learning; antecedents and interpretations of the major theories.

(Not offered 1967-68)

373F. INDUSTRIAL PSYCHOLOGY 6 credits

A study of the application of the principles and methods of psychology to problems in business and industry such as personnel selection, human engineering, job analysis, effect of conditions and methods of work on productivity, and studies of morale.

398W. SELF-DIRECTED STUDY 6 credits

408S. SOCIAL PSYCHOLOGY 6 credits

A study of behavior in the context of group processes and social factors. Field experience with local social agencies.

414S. CLINICAL PSYCHOLOGY 6 credits

Survey of the area of clinical psychology with reference to diagnostic methods, therapeutic procedures, and research content. A period will be assigned for student sampling of methods used in clinical evaluations.

499W. INDEPENDENT STUDY 6 credits

Biology

Vestal (*Head*), O'Brien, Sandstrom, Scheer, Shor

A student majoring in Biology must take a minimum of 60 credits in the field, in addition to the Biological Science Foundation Course. Subsequent courses are scheduled in a sequence that, in the opinion of the major professor, best reflects the interests and needs of the student.

All students majoring in Biology must have a knowledge of general chemistry and other fields of study that provide a broad cultural background. If graduate work is contemplated, the student is strongly urged to acquire knowledge of organic chemistry, modern physics, and a reading knowledge of a foreign language.

198Wa and/or b. DIRECTED INDIVIDUAL STUDY 6 credits
Special topics will be selected.

201F, 202S. BIOLOGICAL DIVERSITY 6 credits
An evolutionary treatment of the plant and animal kingdoms emphasizing the practical approaches of the field and laboratory and the theoretical aspects of the origins and ordering of biological diversity.

298Wa and/or b. DIRECTED INDIVIDUAL STUDY 6 credits
Special topics will be selected.

308S. GENETICS 6 credits
Course deals with the laws of variation and heredity. Prerequisite: Biology 105 or FC 122.

310. FLOWERING PLANTS 4 credits
Taxonomy of flowering plants based on field and herbarium work. Some ecological and phytogeographical considerations given to the flowering plants of the world.
(Not offered 1967-68)

314. AQUATIC BIOLOGY 4 credits
An ecological approach to the various organisms and processes that operate in the aquatic environment. Prerequisite: Biology 316.
(Not offered 1967-68)

316F, 317W. BIO-ECOLOGY 6 credits
An advanced field course in ecology with emphasis on population studies in different fresh water, marine, and terrestrial habitats of Florida. When it can be arranged the field studies may be carried out off campus exclusively at Tropical Biological Stations such as Panama, the West Indies, and other places.

323F, 324W. COMPARATIVE ANATOMY OF VERTEBRATES 6 credits
History of vertebrate body based on comparative study of vertebrate structure. Includes discussions and detailed dissections of representative types. Prerequisite: Biology 105 or FC 122 and junior standing or consent of the instructor.

327S. EMBRYOLOGY OF VERTEBRATES 6 credits
Development of vertebrate forms. Includes discussion, experimental as well as descriptive and detailed laboratory study of development of representative types. Prerequisite: Biology 324.

328Wa. MICROBIOLOGY 6 credits
Presents basic ideas of major aspects of microbiology. Interrelations among organisms and between their environments. Prerequisite: Biology 105 or FC 122.

332S. MORPHOLOGY OF VASCULAR PLANTS 4 credits
A course dealing with the developmental anatomy and morphology of vascular plants.

355F, 356S. NATURAL HISTORY OF INVERTEBRATES 6 credits
Invertebrate animals are studied in the class, laboratory, and field. Morphologic, ecologic, taxonomic, and evolutionary aspects are considered. Prerequisite: Biology 105 or FC 122.

365S. ORNITHOLOGY 4 credits
Morphology, distribution, adaptations, ecological relationships, and field identifications. Prerequisite: Biology 105 or FC 122.

398Wa and/or b. INDEPENDENT STUDY 4 or 6 credits
Individual problems will be selected for study, depending upon student's interest and preparation.

441F, 442W, 443S. EXPERIMENTAL DEVELOPMENTAL MORPHOLOGY 4, 6, 4 credits
Special reading assignments and discussions dealing with experimental analysis of animal or plant development. Individual experiments related to some aspect of development. Prerequisite: Biology 327.

451F, 452S. INTRODUCTION TO MOLECULAR AND CELLULAR BIOLOGY 4 credits
Problems of biology open to definition and investigation by chemical and physical methods. Emphasis on biological significance of such aspects as cellular structure, cellular processes, and differentiation. Co-requisite: Chemistry 313.

461F, 462S. EVOLUTION 4 credits
Integrates those disciplines that contribute to present-day concepts of evolution with emphasis on genetic mechanisms and the theoretical relationships of phylogenies to modern taxonomic structure. Prerequisite: Senior standing.

498Wa and/or b. INDEPENDENT STUDY 4 or 6 credits
Individual senior projects.

Chemistry

Hellwege (*Head*), Blosssey, Cochran

Prospective chemistry majors should begin their study of chemistry and mathematics in the freshman year. Principles of Physics should also be taken early in the program.

Chemistry courses are sequential and stress a cumulative understanding of principles.

Major:

At least 60 credits in chemistry including the following courses: 205, 206, 211, 305, 311, 312, 313, 331, 406, 407, 499.

Related courses: Mathematics through multivariable calculus and Physics 205, 206.

198Wa, Wb. DIRECTED INDEPENDENT STUDY 6 credits
Intensive class and laboratory study of a selected principle.

205F, 206S. PRINCIPLES OF CHEMISTRY 6 credits
Study of fundamental principles. Application of principles to a discussion of descriptive chemistry of some typical elements. Three lecture hours, one discussion hour, and one laboratory period per week. Co-requisite: Mathematics 100 or 111.

211F. ANALYTICAL CHEMISTRY I 4 credits
Principles of chemical equilibria as applied to reactions in aqueous solutions. Applications of qualitative and quantitative methods to problems of identification and characterization of inorganic substances. Two class meetings and two laboratory periods per week. Prerequisite: Chemistry 206.

298Wa, Wb. DIRECTED INDEPENDENT STUDY 6 credits
Intensive class and laboratory study of a selected principle.

305F. PHYSICAL CHEMISTRY I 4 credits
Chemical applications of the laws of thermodynamics. Thermodynamic functions for gases, heats of reactions, equilibria, and phase changes. Thermodynamics of solutions. Introduction to statistical thermodynamics. Three class hours and one laboratory period per week. Prerequisites: Chemistry 206, Physics 206, and Calculus.

311F, 312W, 313S. ORGANIC CHEMISTRY 4 credits
312W. 4 or 6 credits

Basic study of the most important types of carbon compounds: their preparation, interrelation, and properties. Discussion based on reaction mechanisms. Study of biologically important compounds included. Laboratory work includes some qualitative organic analysis. Prerequisite: Chemistry 206.

311F and 313S meet three lecture hours and one laboratory period per week.

312W meets three lecture hours and two laboratory periods per week for 4 credits or three lecture hours and five laboratory periods per week for 6 credits.

330W. ANALYTICAL CHEMISTRY II 6 credits
Directed independent in-depth studies of the theory and techniques of selected quantitative methods used in the characterization of substances in solutions. Prerequisite: Chemistry 211 or consent of instructor. Three lecture hours and five laboratory periods per week.

331S. ANALYTICAL CHEMISTRY III 4 credits
Introduction to instrumental analysis including potentiometry, voltammetry, conductometric methods, spectrophotometry, and radiochemistry. Two class hours and two laboratory periods per week. Prerequisite: Chemistry 211.

401F. INORGANIC CHEMISTRY 4 credits
Introduction to the modern theories of chemical bonding and structure. Study of the chemistry of selected non-metallic elements. Coordination compounds. Elementary inorganic reaction mechanisms. Synthesis of various types of inorganic compounds. Three class hours and one laboratory period per week. Prerequisites: Chemistry 211 and 305.

406W. PHYSICAL CHEMISTRY II 4 credits
Chemical Physics. Wave mechanics, molecular symmetry, quantum chemistry and spectroscopy. Three class hours and one laboratory period per week. Prerequisites: Chemistry 206 and Mathematics 214. Co-requisite: Physics 441.

407S. PHYSICAL CHEMISTRY III 4 credits
Chemical kinetics and electrochemistry. Discussion of theories of rate processes. Theories of electrolytic solutions. Three class hours and two laboratory periods per week. Prerequisite: Chemistry 305.

417S. ADVANCED ORGANIC CHEMISTRY 4 credits

Modern interpretation of molecular structure and reactivity related by means of organic reaction mechanisms. The laboratory will be devoted to a study of qualitative organic analysis. Both lecture and laboratory will stress independent use of primary chemical literature. Two lecture and two laboratory periods per week. Prerequisite: Chemistry 313.

499Wa, Wb. INDEPENDENT STUDY 6 credits
Chemical research.

Economics

Welsh (*Head*), Arnold, Evans, Hill, Kessler, Epley, MacPherson, R. B. Smith, Tiedtke

The Department of Economics offers an undergraduate major which provides a balanced program of courses in economic theory and applied principles in economic and business operations.

A major in Economics comprises 60 hours of course work in the field.

The requirements for the major include the following specific courses:

Economics 211—Principles of Economics I
Economics 212—Principles of Economics II
Economics 303—Economic Analysis (Micro)
One Independent Study Course at the junior or senior level.

Economics 401—Departmental Senior Seminar
Economics 402—Departmental Senior Seminar

In addition it is recommended that at least *two* courses be taken in the following special fields:

Economics 304—Economic Analysis (Macro)
Economics 306—Money and Banking
Economics 323—Economics and the Law
Economics 325—Accounting in the Business Firm
Economics 327—Comparative Economic Systems



It is recommended also that at least *one* of the following courses be taken:

Economics 301—Statistical Analysis
Economics 307—International Economics
Economics 321—Labor Economics
Economics 322—Legal Factors in Business Organization
Economics 326—Financial Analysis and Economic Decisions

The following courses are open to non-majors without prerequisite, other than status as a sophomore or above:

Economics 201—The American Economy *Note:* This course may not be taken for major credit *after* the student has taken Economics 211—Principles of Economics.

Economics 211—Principles of Economics I
Economics 301—Statistical Analysis
Economics 325—Accounting in the Business Firm

Students majoring in Economics, or students choosing a sequence of subjects in preparation for entry into a graduate program in economics, business administration, or industrial management should consult with a member of the department concerning selection of courses.

The courses in directed individual study for sophomores, and the self-directed study and independent study courses for juniors and seniors permit the student to pursue areas of interest under the guidance of members of the department in a wide range of economic and business subjects. At the junior and senior level, self-directed or independent study may be taken in fields such as cost accounting, taxation, investments, operations research, mathematical economics, industrial history, public finance, or similar aspects of Economics and business.

201F. S. THE AMERICAN ECONOMY 6 credits

A survey of the growth and development of the American economic system. Historical factors, the rise of mass production, the development of corporate enterprise, and the position of the United States in the world economy. Open to non-majors. May be taken for credit by a student majoring in economics only if it is taken before Economics 211.

211F. PRINCIPLES OF ECONOMICS I 6 credits

A fundamental course devoted to development and application of the basic analytical tools and principles required for an understanding of major economic problems and policy alternatives available for their solution. Areas covered include: an introduction to American capitalism, markets and prices, national income analysis, money and banking, and economic growth. Particular emphasis on macro-economic analysis. The first course of a two-course sequence: Economics 211 and 212. No prerequisite.

212S. PRINCIPLES OF ECONOMICS II 6 credits

A fundamental course devoted to development and application of the basic analytical tools and principles required for an understanding of major economic problems and policy alternatives available for their solution. Areas covered include: the theory of the firm and industry, the theory of prices and markets, government and the economy, and international economic relationships. Particular emphasis on micro-economic analysis. Prerequisite: Economics 211.

298Wa. DIRECTED INDIVIDUAL STUDY FOR SOPHOMORES 6 credits

298Wb. DIRECTED INDIVIDUAL STUDY FOR SOPHOMORES 6 credits

301. STATISTICAL ANALYSIS 4 credits

Introduction to modern standard statistical methods utilized in economics. Sources and methods for collecting and organizing data. Probability distributions and analysis in economics and other fields. Measures of concentration and dispersion. Correlation methods. Sampling and experiment. Time series. Presentation and interpretation of results. Statistical systems. Prerequisite: Sophomore status.

303F. ECONOMIC ANALYSIS (*Micro*) 6 credits

An elaboration of the basic principles of price theory as an analytic and predictive tool using graphic analysis and techniques; market price analysis, product pricing and output, and resource pricing and output. Prerequisite: Economics 212.

304. ECONOMIC ANALYSIS (*Macro*) 6 credits

An intensive analysis of the behavior and relationship of the broad aggregates of economic activity, such as national income, the price level, savings, investment, consumption, government expenditures, taxes, money and credit. Consideration is given to economic fluctuations and factors influencing economic growth. Prerequisite: Economics 212.

306. MONEY AND BANKING 6 credits

A study of money and banking as prelude to consideration of alternative monetary theories and policies. Special attention to interrelationship of monetary, fiscal, and income policies in stabilization and development of U. S. economy. International aspects also examined. Prerequisite: Economics 211.

307S. INTERNATIONAL ECONOMIC RELATIONS 6 credits
A study of principles of international trade and related commercial policies. Equivalent emphasis to balance of payments problems and methods of adjustment. World financial institutions and regional arrangements considered, with special reference to world-wide economic development. Prerequisite: Economics 211.

321. LABOR ECONOMICS 6 credits
The labor force, trends in employment, problems of unemployment, wages and hours, labor unions, labor disputes and methods of settlement, and the theory and practice of collective bargaining. Prerequisite: Economics 212.

322F. LEGAL FACTORS IN BUSINESS ORGANIZATION 6 credits
The basic principles of law as applied to business organizations, including contracts, agency, negotiable instruments, property, security for credit transactions. Prerequisite: Economics 211.

323S. ECONOMICS AND THE LAW 6 credits
An analysis of the major legal factors affecting economic life. Legal criteria involved in the general regulation of industry and trade by various levels of government. The development and structure of government participation in economic decisions. Prerequisite: Economics 211.

325F. ACCOUNTING IN THE BUSINESS FIRM 6 credits
The theory, methods, and uses of accounting information in solving business problems. The development and role of accounting standards in economic and corporate decisions and behavior. Prerequisite: Sophomore status.

326S. FINANCIAL ANALYSIS AND ECONOMIC DECISIONS 6 credits
A study of accounting reports in identifying issues, analysis of their courses, and applied solutions by use of accounting and economic data from management viewpoint. The effects of costs on prices, profits, revenues, asset values, capital asset decisions, and other financial policies are examined as to their impact on private business and the economy. Prerequisite: Economics 325.

327S. COMPARATIVE ECONOMICS SYSTEMS 6 credits
The basic problems faced by all economic systems, and the special problems of authoritarian, competitive, and mixed economies. Prerequisite: Economics 211.

398Wa. SELF-DIRECTED STUDY FOR JUNIORS 6 credits

399Wb. INDEPENDENT STUDY FOR JUNIORS 6 credits

401F. MAJOR DISCIPLINE SEMINAR 6 credits
Senior seminar covering various topics which serve to integrate major study in theoretical and applied economics. Prerequisite: Economics 303.

402S. MAJOR DISCIPLINE SEMINAR 6 credits
Seminar for students majoring in economics designed to provide seniors with intensive and extensive criteria in major aspects of theoretical and applied economics. Two senior seminars are required of all students majoring in the economics field. Prerequisite: Economics 303.

498Wa. SELF-DIRECTED STUDY FOR SENIORS 6 credits

499Wb. INDEPENDENT STUDY FOR SENIORS 6 credits

Education

Norris, (*Head*), Edwards, Peebles, Winstead

ELEMENTARY EDUCATION

The program for majors in Elementary Education* includes the following:

History of Educational Thought (271)
Student, School, and Society (272)
Teaching of Reading and Language Arts (360)
Elementary School Programs, I and II (368, 369)
Curriculum Development (375)
Instructional Materials and Methods (461)
Student Teaching and Seminar (491)

plus fourteen credits from the following courses:
Science for Elementary Schools (362)
Social Studies for Elementary Schools (363)
Health and Physical Education for Elementary Schools (364)
Art for Elementary Schools (365)
Music for Elementary Schools (366)
Mathematics for Elementary Schools (367)

*See p. 33 "Teacher Preparation"

SECONDARY SCHOOL CERTIFICATION

The program for secondary school teacher certification includes a "teaching" subject area major plus the following:

- History of Educational Thought (271)
- Student, School, and Society (272)
- Curriculum Development (375)
- Instructional Materials and Methods (481)
- Student Teaching and Seminar (492)

NOTE: Education 271 and 272 are prerequisites for all 300- and 400-level Education courses.

271F. S. HISTORY OF EDUCATIONAL THOUGHT 4 credits
Historical development of educational thought with implications for current curriculum practice.

272F. S. STUDENT, SCHOOL, AND SOCIETY 6 credits
Application of concepts of psychology and sociology to children and adolescents in school situations. Psychological analysis of the learning process and the interrelationships between the individual and his environment. An examination of influences upon motivation, perception, and behavior of teachers, students, and administrators.

360F. TEACHING OF READING AND LANGUAGE ARTS 4 or 6 credits
Improvement of reading and language arts programs in the elementary school with techniques of developing reading, writing, listening, spelling, and speaking skills. Offered alternate years.

362S. SCIENCE FOR ELEMENTARY SCHOOLS 6 credits
AAAS "Process Approach" focusing on acquisition of certain basic processes as an introduction to depth in science at higher levels. Student is led through a series of interdisciplinary activities—observation, measurement, number relationships, space/time relationships, inference, etc.—to arrive at his own conclusions.

363S. SOCIAL STUDIES FOR ELEMENTARY SCHOOLS 4 or 6 credits
Concepts of subjects included in social studies and procedures for teaching in elementary schools. (Not offered 1967-68).

364F. HEALTH AND PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS 4 credits
Organizing and conducting physical education programs in elementary school; includes principles of health education.

365S. ART FOR ELEMENTARY SCHOOLS 4 or 6 credits
Fundamental concepts of color and design and the process of teaching art in the elementary grades.

366F. MUSIC FOR ELEMENTARY SCHOOLS 4 credits
Basic concepts, literature, and procedures relative to teaching music in the elementary grades. (Not offered 1967-68).

367F. MATHEMATICS FOR ELEMENTARY SCHOOLS 4 credits
Quantitative concepts, symbols, and processes with procedures for teaching elementary school students. (Not offered 1967-68).

368F, 369S. ELEMENTARY SCHOOL PROGRAMS I and II 6 credits
Examination of principles and methods in developing instructional programs, with emphasis on Language Arts, Social Studies, Art, and Children's Literature during Fall term and on Science, Mathematics, Music, and Health and Physical Education during Spring term. Students must reserve four hours weekly for laboratory assignments. (Not offered 1967-68).

375F, S. CURRICULUM DEVELOPMENT 6 credits
Survey of current curriculum practices from kindergarten through college and analysis of selected school systems. Includes application and evaluative techniques, school organization, and financial support.

461F. INSTRUCTIONAL MATERIALS AND SPECIAL METHODS—ELEMENTARY 4 credits

479S. CURRICULUM ISSUES SEMINAR 4 credits
Seminars will be organized on important topics of interest to instructor and students. Designed for seniors who have completed student teaching. Seminar enrollment limited to 12 students.

481F. INSTRUCTIONAL MATERIALS AND SPECIAL METHODS—SECONDARY 4 credits
Selection, evaluation, and utilization of instructional materials. Planning of content and methods and techniques of teaching in a special field. Students must reserve three hours weekly for laboratory assignments.

491W. STUDENT TEACHING AND
SEMINAR—ELEMENTARY

12 credits

492W. STUDENT TEACHING AND
SEMINAR—SECONDARY

12 credits

Eight weeks of all-day experience in a local school classroom under the direction of a public school directing teacher. Experience includes weekly observation visits and/or conferences with the college coordinator plus a weekly seminar concentrating on principles of teaching and general methods.

English

Folsom (*Head*), Cohen, Dean, Dorsett, Granberry, Hamilton, Haylor, Koontz, Mendell, Windham

All students majoring in English must take the following courses:

Old English, Middle English, and Early Renaissance Periods (201)

Major Writers of the Later Renaissance and the Seventeenth Century (202)

Eighteenth Century (301)

Plays of Shakespeare (317, 318)

The Romantic Period (332)

The Victorian Period (either 333 or 356)

American Literature (403, 404)

Of these courses English 201 and 202 should be taken in the sophomore year, and English 403 and 404 should be taken in the senior year. The others may be taken in the student's sophomore, junior, or senior years as indicated after the description of each course.

In addition, the English Department *strongly recommends* that each English major take a minimum of *three* courses in one of the following fields of study:

Development of the Drama (351, 352, and 363 or 364)

The English Novel (355, 356, 365)

Twentieth Century Literature (313, 363, 364, 365, 366, 381)

Creative Writing (367, 368, 369)

These recommended courses, plus the courses in Literary Criticism (350) and Linguistics (305), are particularly important to those majors thinking of going to graduate school.

201F. LITERATURE OF THE OLD ENGLISH, MIDDLE ENGLISH, AND EARLY RENAISSANCE PERIODS 6 credits
Emphasis on *Iliad*, *Beowulf*, *Sir Gawain*, Chaucer, Spenser, and Sidney. Sophomore year.

202S. MAJOR WRITERS OF THE LATER RENAISSANCE AND SEVENTEENTH CENTURY 6 credits
Emphasis on Shakespeare's *Sonnets*, Donne, Herbert, Cavalier Poets, Milton, and Writers of the Restoration. Sophomore year.

281F, 282S. TYPES OF LITERATURE 6 credits
An advanced critical study of fiction, drama, and poetry, selected from the literature of various countries and various periods. The genre presented in each course will be selected at the discretion of the instructor. Primarily for non-English majors.



- 301F. EIGHTEENTH CENTURY 6 credits
English literature from Swift to Burns, with special emphasis on the beginnings of the Romantic Movement and the ideas that have shaped the thinking of modern times. Prerequisite: two courses in literature.
- 305W. THE ENGLISH LANGUAGE 4 credits
The effects of linguistic change in phonology, morphology, syntax, and semantics influencing modern written and spoken usage; designed for the student who will have advanced needs in professional use of the language. Open to both non-majors and majors. Sophomore, junior, senior years.
- 313W. SOUTHERN WRITERS 4 credits
A study of selected Southern writers and their use of regional folklore. Sophomore, junior, senior years.
- 317F, 318S. SHAKESPEARE 6 credits
A study of the major plays and sonnets of Shakespeare. Sophomore, junior years.
- 321W, 322S. WORLD LITERATURE 4 or 6 credits
Literature of Ancient East (China, India, the Hebrews), through Greece and Rome to Christendom, Islam, the Middle Ages. Second part: from 1350 to present; early humanistic and Renaissance writers, through the Enlightenment and the Romantic period to modern fiction. Primarily for non-English majors. Open to sophomores.
- 332F. ROMANTIC PERIOD 6 credits
A study of the literature and the leading ideas of the English Romantic Movement, with special emphasis on the poetry of Blake, Wordsworth, Coleridge, Byron, Keats, and Shelley. Sophomore, junior, senior years.
- 333S. VICTORIAN POETRY AND ESSAY 6 credits
A study of the literature of England from 1850 to 1900. Special attention is given to the leading ideas of the period and to the work of Carlyle, Tennyson, Browning, Ruskin, and Arnold. Sophomore, junior, senior years.
- 350W. LITERARY CRITICISM 6 credits
An historical and aesthetical study of literary criticism covering literary theories from Aristotle and Plato through Freud, Jung and Frye. Junior, senior years.
- 351F, 352W. DEVELOPMENT OF THE DRAMA 4 or 6 credits
A survey of important plays from the Greeks to the mid-nineteenth century. In English 351 Greek drama is emphasized; in English 352, English and French. Emphasis on dramatic principles as an aid to enjoying the theatre. Junior, senior years.
- 355W, 356S. ENGLISH NOVEL 4 or 6 credits
The development of the novel in England into a major literary medium interpreting man's experience in life, both as an individual and as a member of human society. Winter—Fielding, Smollett, Sterne, Austen, Scott; spring—Dickens, Thackeray, Trollope, Meredith, Hardy. Sophomore, junior, senior years.
- 363S. TWENTIETH CENTURY DRAMA: EUROPEAN 6 credits
From Ibsen to Ionesco, including Strindberg, Chekhov, Rostand, Lorca, Pirandello, and others. Sophomore, junior, senior years.
- 364W. TWENTIETH CENTURY DRAMA: BRITISH AND AMERICAN 6 credits
From Shaw to Tennessee Williams, including Wilde, Galsworthy, Barrie, Coward, Fry, Yeats, Synge, O'Casey, O'Neill, Maxwell Anderson, Thornton Wilder, Odets, and others. Sophomore, junior, senior years.
- 365F, S. THE TWENTIETH CENTURY ENGLISH AND AMERICAN NOVEL 6 credits
A study of twentieth century English and American fiction with detailed analyses of novels. Oral reports and critical papers. Sophomore, junior, senior years.
- 366F, S. TWENTIETH CENTURY BRITISH AND AMERICAN POETRY 6 credits
A study of British and American poets of the twentieth century, with emphasis upon Yeats, Frost, Eliot, and Thomas. Sophomore, junior, senior years.
- 367F, 368W, 369S. CREATIVE WRITING 6 credits
A course in creative writing, conducted on the workshop plan. Weekly reading and criticism of manuscripts that are written outside of class.
- 381F. MODERN EUROPEAN NOVEL 6 credits
A study of the development of the contemporary novel in Europe. Representative authors from Flaubert to Sartre, including Silone, Kafka, Camus, and others. Sophomore, junior, senior years.

403F, 404S. AMERICAN LITERATURE 6 credits

A critical, historical study of the forms and ideas shaping—and produced by—major American authors from the Colonial period to the mid-twentieth century. Oral reports and analytical papers. Senior year.

467F, 468W, 469S. ADVANCED CREATIVE WRITING 6, 4, 6 credits

Prerequisite: English 367, 368, 369. Consent of instructor is required.

DIRECTED INDIVIDUAL STUDY

298Wb. THE SHORT NOVEL 6 credits

SELF-DIRECTED STUDY

398W. THEMES OF WORLD DRAMA 4 credits

398Wa. HEMINGWAY 6 credits

398Wb. DICKENS 6 credits

398W. ADVANCED ENGLISH NOVEL 4 credits

Prerequisite: English 355 or 356

INDEPENDENT STUDY

399W. CREATIVE WRITING 4 credits

Other Directed Individual Study, Self-Directed Study, and Independent Study at the sophomore, junior, and senior levels will be arranged according to need.

Expressive Arts

The Expressive Arts Major is an integrated arts curriculum to be offered for the first time in 1967-68 by the art, music and theatre arts departments. The new major is an addition to the existing departmental majors in these fields.

The joint offerings provided by this program should be of interest to students who desire a more comprehensive study of the arts than is normally possible within departmental majors.

While the courses which make up the Expressive Arts major will tend to emphasize history and theory rather than applied work, it is the belief of the participating departments that students work-

ing in the program will achieve more meaningful insights if they are required to attain a certain level of competence in the practice of one of the arts.

Each student taking this major will select one of the areas, theatre, music, or art, for emphasis and will complete a required number of hours in applied work in that field in addition to the history and theory requirements in each of the three areas.

Foreign Languages (French, German, Russian, Spanish)

Sedwick, (*Head*), Ayala, Bonnell, W. Bradley, Holman, López de Pedro, Stadt, Terrett, Zilius

The department serves the needs of those who wish to achieve a knowledge of a given language, its literature, and its culture, or—on a more advanced level—those who plan to teach, who anticipate graduate study and research, or who are preparing to use the language as an important second skill in various professional fields.

A student may major in one language (French, German, or Spanish) by completing 60 credits of 200-, 300-, and 400-level courses in that language plus two years or their equivalent of any second foreign language; or he may have a Combined Language Major defined as at least 36 of the above credits in any one language and the remaining 24 of them in any second language, including Russian.

PLACEMENT OF FRESHMEN: Incoming freshmen are expected to have taken the Language Achievement Test of the CEEB (see Requirements, Foreign Language, page 65.) A student who scores above 550 in this examination has met the Rollins language requirement and, if he wishes further

study in the same language, is eligible for 300-numbered courses. (Also see Admission with Advanced Standing, page 38.) Students who score lower than 550 are placed at the discretion of the department; in general, students with scores between 440 and 549 are placed in the 201 course, the completion of which fulfills the Rollins language requirement. Students with scores lower than 440 are advised either to begin the language again (101, 102) as an auditor (no credit) before they attempt the 201 course, or to undertake a fresh start in a new language for full credit.



FRENCH

101F, 102S. ELEMENTARY FRENCH 6 credits
Grammar, readings, cultural material, maximum of oral practice, lab.

201Wa, 201Wb. INTERMEDIATE FRENCH 6 credits
An intensive 4-week course with required weekly attendance at 4 grammar-review classes, 3 conversation and composition classes, 2 reading classes, 3 civilization lectures, and 5 hours in the language laboratory. The student registered for this course may not take any other course in the same 4-week term. Prerequisite: French 102 or a minimum score of 440 in the Language Achievement Test of the CEEB.

311F, 312S. SURVEY OF FRENCH LITERATURE 6 credits
A panoramic view of French literature from the earliest times to the present. Required of French majors as a prerequisite to all 400-numbered French literature courses. Prerequisite: French 201 or score of 550 in the Language Achievement Test of the CEEB.

321S. ADVANCED COMPOSITION AND CONVERSATION 6 credits
Required of French majors. Prerequisite: French 201 and permission of instructor, or score of 550 in the Language Achievement Test of the CEEB.

401F or S. EIGHTEENTH-CENTURY LITERATURE 6 credits
Prerequisite: French 311, 312.

405F or S. NINETEENTH-CENTURY LITERATURE 6 credits
Prerequisite: French 311, 312.

409F or S. TWENTIETH-CENTURY LITERATURE 6 credits
Prerequisite: French 311, 312.

413Wa or Wb. SEMINAR 4-6 credits
Advanced study of literary or linguistic topics of special interest or importance. Prerequisite: French 311, 312, and consent of instructor.

421F or S. SEVENTEENTH-CENTURY LITERATURE 6 credits
Prerequisite: French 311, 312.

GERMAN

101F, 102S. ELEMENTARY GERMAN 6 credits
Grammar, readings, cultural material, maximum of oral practice, lab.

201Wa. INTERMEDIATE GERMAN 6 credits
An intensive 4-week course with required weekly attendance at 4 grammar-review classes, 3 conversation and composition classes, 2 reading classes, 3 civilization lectures, and 5 hours in the language laboratory. The student registered for this course may not take any other course in the same 4-week term. Prerequisite: German 102 or a minimum score of 440 in the Language Achievement Test of the CEEB.

301F, 302S. SURVEY OF GERMAN LITERATURE 6 credits
A panoramic view of German literature from the earliest times to the present. Required of German majors as a prerequisite to all 400-numbered German literature courses. Prerequisite: German 201 or score of 550 in the Language Achievement Test of the CEEB.

321S. ADVANCED COMPOSITION AND CONVERSATION 6 credits
Required of German majors. Prerequisite: German 201 and permission of instructor, or score of 550 in the Language Achievement Test of the CEEB.

401F or S. EIGHTEENTH- AND EARLY NINETEENTH-CENTURY LITERATURE 6 credits
Vorklassik; Hochklassik; Romantik. Prerequisite: German 301, 302.

404F or S. LATE NINETEENTH- AND TWENTIETH-CENTURY LITERATURE 6 credits
Realism, naturalism, and modern. Prerequisite: German 301, 302.

413Wa or Wb. SEMINAR 4-6 credits
Advanced study of literary or linguistic topics of special interest or importance. Prerequisite: German 301, 302, and consent of instructor.

RUSSIAN

101F, 102S. ELEMENTARY RUSSIAN 6 credits
Grammar, readings, cultural material, maximum of oral practice, lab.

201Wb. INTERMEDIATE RUSSIAN 6 credits
An intensive 4-week course with required weekly attendance at 4 grammar-review classes, 3 conversation and composition classes, 2 reading classes, 3 civilization lectures, and 5 hours in the language laboratory. The student registered for this course may not take any other course in the same 4-week term. Prerequisite: Russian 102 or a minimum score of 440 in the Language Achievement Test of the CEEB.

301F, 302S. INTRODUCTION TO RUSSIAN LITERATURE AND CULTURE 6 credits
Masterworks of Russian literature in English translation. No knowledge of Russian required. No prerequisite, except not open to freshmen.

321Wb. ADVANCED COMPOSITION AND CONVERSATION 6 credits
Prerequisite: Russian 201 and permission of instructor, or score of 550 in the Language Achievement Test of the CEEB.

331F, 332S. SURVEY OF RUSSIAN LITERATURE 6 credits
Not offered 1967-68.

SPANISH

101F, 102S. ELEMENTARY SPANISH 6 credits
Grammar, reading, cultural material, maximum of oral practice, lab.

201Wa, 201Wb. INTERMEDIATE SPANISH 6 credits
An intensive 4-week course with required weekly attendance at 4 grammar-review classes, 3 conversation and composition classes, 2 reading classes, 3 civilization lectures, and 5 hours in the language laboratory. The student registered for this course may not take any other course in the same 4-week term. Prerequisite: Spanish 102 or a minimum score of 440 in the Language Achievement Test of the CEEB.

321S. ADVANCED COMPOSITION AND CONVERSATION 6 credits
Required of Spanish majors. Prerequisite: Spanish 201 and permission of instructor, or score of 550 in the Language Achievement Test of the CEEB.

331F, 332S. SURVEY OF THE LITERATURE OF SPAIN

6 credits

A panoramic view of Spanish literature from the earliest times to the present. Required of Spanish majors as a prerequisite to all 400-numbered Spanish literature courses. Prerequisite: Spanish 201 or score of 550 in the Language Achievement Test of the CEEB.

341F, 342S. SURVEY OF SPANISH-AMERICAN LITERATURE

6 credits

A panoramic view of Spanish-American literature from the earliest times to the present. Prerequisite: Spanish 201 or score of 550 in the Language Achievement Test of the CEEB.

401F or S. GOLDEN-AGE DRAMA

6 credits

Sixteenth- and seventeenth-century drama in Spain. Prerequisite: Spanish 331, 332.

403S. DON QUIJOTE

6 credits

Conducted in English in order to accommodate non-Spanish students, who may read *Don Quijote* in translation and who are exempt from the Spanish prerequisite for this course. Prerequisite for Spanish students: Spanish 331, 332.

405F or S. NINETEENTH-CENTURY LITERATURE OF SPAIN

6 credits

Prerequisite: Spanish 331, 332.

409F or S. TWENTIETH-CENTURY LITERATURE OF SPAIN

6 credits

Prerequisite: Spanish 331, 332.

413Wa or Wb. SEMINAR

4-6 credits

Advanced study of literary or linguistic topics of special interest or importance. Prerequisite: Spanish 331, 332, and consent of instructor.

431. SPANISH CIVILIZATION

6 credits

A cultural course relating Spanish art, music, history, literature, and customs into a meaningful analysis of the contemporary Spanish society. No prerequisite. Offered only in the Rollins summer program in Spain.

ALL LANGUAGES, 4-6 credits, Wa and Wb

- 198. Directed Individual Study for freshmen.
- 298. Directed Individual Study for sophomores.
- 398. Self-directed Study for juniors.
- 498. Self-directed Study for seniors.
- 399. Independent Study for juniors.
- 499. Independent Study for seniors.

ROLLINS SEMESTER IN COLOMBIA AT THE UNIVERSIDAD DE LOS ANDES, BOGOTA, annually, February 1 to June 1. B average in Spanish required for enrollment. See description of the program under Study Abroad (page 34).

ROLLINS SUMMER PROGRAM IN MADRID, annually, June 21 to August 8. C average required for enrollment. The student may register for up to three courses chosen from the following, which are offered each summer: Spanish 201, 321, 332, 413, and 431. See description of the program under Study Abroad (page 35).

JUNIOR OR SOPHOMORE YEAR IN GERMANY, FRANCE, OR SPAIN, sponsored annually by the Associated Mid-Florida Colleges. See description of the program under Study Abroad (page 35).

History and Public Affairs

Fletcher (*Head*), Bisceglia, Blanco, U. T. Bradley, Douglass, Hicks, Hitchens, Lane, Mitchell, R. M. Smith, Summers

Major Requirements

Juniors and seniors now majoring in History and Public Affairs should continue to pursue the programs originally planned in consultation with major advisers as closely as possible. The basic requirement is 60 hours in the major field and at least 24 hours in non-major 300-400-level courses.

Beginning in 1967-68, sophomore majors in this field must satisfy new requirements in addition to those stated above: completion of the freshman foundation courses in the humanities and social

sciences; passing a departmental, comprehensive examination, and completion of departmental and divisional seminars in their senior year.

Area of Concentration

Early in the fall of the sophomore year, each History and Public Affairs major should consult his adviser concerning election of an area of concentration within the department. The choices available are: history, international affairs, Latin American area studies, and political science. The student's program should be tailored to include related courses in fields outside the major in accordance with college requirements.

198Wa, b. DIRECTED INDIVIDUAL STUDY 6 credits

201F. PRINCIPLES OF GOVERNMENT 6 credits

An introduction to the nature of the state and the behavior of political man with emphasis on responsible citizenship; approached through the study of classics from Plato to contemporary behaviorists. Value systems as articulated through the political process. Emphasis on principles and concepts. Prerequisite for future studies in government.

225W, 226S. HISTORY OF ENGLAND AND THE EMPIRE-COMMONWEALTH 6 credits

225W: Constitutional and political development of England from Norman times to the death of Elizabeth I. 226S: History of modern England and the evolution of the Empire and Commonwealth from Stuart period to the present.

233F, 234S. REPUBLICS OF LATIN AMERICA 6 credits
Depth studies of individual countries—The Caribbean and Central American emphasized in the fall; Andean Republics and ABC countries in spring. (Not offered 1967-68)

310F, 311S. FOUNDATIONS OF NATIONAL POWER—POLITICAL AND ECONOMIC GEOGRAPHY 6 credits

A study of the bases of strength, weakness, and potential of major nations and regions of the world. The influence of environment on economic and political development. Open to all upperclass students; required of students concentrating in International Relations.

311F, 312S. THE UNITED STATES AND LATIN AMERICA

4 credits

A study of the development of the Latin American policy of the United States and of inter-American problems. Admission by consent of instructor. (Not offered 1967-68)

321F, 322S. EUROPE AND THE AMERICAS 4 credits

A study of the impact and influence of European political and intellectual traditions, economic, political, and ideological aims and conflicts on the Western Hemisphere. Admission by consent of instructor. (Not offered 1967-68)

332F, 333S. HISTORY OF LATIN AMERICA 4 credits

In the fall term, a survey of Spanish and Portuguese colonial systems and institutions with emphasis on long-term influences of this period. The spring term offers a study of the growth of the Latin American Republics from the wars of independence to the present. Open as an elective to all upperclass students; required of students concentrating in Latin American Studies.

341F, 342F, S, 343F, S. HISTORY OF THE UNITED STATES FROM COLONIAL ORIGINS 6, 4, 6 credits

341F: Colonial Period, 1492-1789. 342F, S: Middle Period, 1789-1860. 343F, S: Recent Period, 1865-present. The Civil War and Reconstruction are treated separately in a self-directed study course (398) during the winter term. Open to sophomores, juniors, and seniors; suggested prerequisite 225W.

347S. AMERICAN NATIONAL GOVERNMENT 6 credits

Study of the Constitutional structure and operational pattern of the federal system with emphasis on political behavior.

348F. STATE AND LOCAL GOVERNMENT 6 credits

Study of the structure and operational patterns of state, county, and municipal government with emphasis on effective citizen participation. Special attention to evolving regional and intergovernmental relationships.

356F. THE DEVELOPING NATIONS 6 credits

A study of the politics, economy, and social conditions in the emerging nations and the interrelations between Asia, Africa, and Latin-America.

359F. SPAIN AND THE SPANISH EMPIRE 6 credits
The historical evolution of Spain and the Empire to 1700. This study is continued to the present in a self-directed study course during the winter term (398).

371F. THE SIXTEENTH CENTURY 6 credits
An intensive study of the political, economic, cultural and intellectual aspects of the sixteenth century in Europe and America.

381W, 382S, 383S. MODERN EUROPEAN HISTORY SINCE 1815 6 credits

381W: 1815-1870; 382S: 1870-1914; 383S: 1914 to the present

385Wb. POLITICAL THEORY 6 credits
Study of representative thinkers from Greece to contemporary behavioralists with attention to conflict involved in the authoritative allocation of values.

390F, 391W, 392S. CAREERS ABROAD SEMINAR 0 credits
A non-credit colloquium open to students interested in preparation for life work in various areas of international service, including the American Foreign Service.

398W. SELF-DIRECTED STUDY 4, 6 credits

407S. PUBLIC ADMINISTRATION 6 credits
A study of management in large-scale organization with emphasis on careers in federal, state, and local government.

421W. SOCIETY AND IDEAS IN AMERICA'S GILDED AGE 4 credits

A reappraisal of the social and intellectual aspects of the nation's "watershed" phase.

430F. THE GREAT DEPRESSION AND THE NEW DEAL, 1919-1945 4 credits
After an introductory study of the Republican ascendancy, this course focuses on the impending economic crisis and the subsequent New Deal reform movement. Emphasis is given to the continuing interpretation of Roosevelt and the New Deal through reading, class discussions, and written projects. Open to junior and senior History majors or by special permission of instructor.

432S. WAR IN THE MODERN WORLD 4 credits
Concerned with war as a major force in modern history, with emphasis on its influence on social, economic, and political conditions, concepts and theories of war, and the origin and development of the military profession. Open to junior and senior History majors.

433F. MODERN GERMANY 6 credits
German history since 1800, including the Rise of Brandenburg Prussia, Bismarck, The Wars of Unification, the Wilhelmine Era, the Weimar Republic, the Hitler Regime, and the Achievements of Adenauer.

435S. MODERN FRANCE 6 credits
An interpretive study of French social, political, and intellectual development from early modern times to the present.

461Wa. CONTEMPORARY ASIA 6 credits
History of the Far East since the opening of the Trans-Siberian Railroad. Geographical, religious, cultural, demographic, economic, and political factors to colonialism, independence, communist penetration, and the involvement of the United States.



Mathematics

Bowers (*Head*), Malone, Sauté, Skidmore, Wolfe

A student majoring in Mathematics will take Mathematics 111, 112, 213, 214, 315, 316. He must earn at least 24 additional credits in Mathematics (excluding Mathematics 100) including a minimum of 6 credits in 400 level courses and a minimum of 6 credits in individual study.

Highly recommended courses are Mechanics (Physics) and Mathematical Logic (Philosophy). If graduate school is contemplated, German, French, or Russian should be elected.

100F, W. ELEMENTARY FUNCTIONS 6 credits
Functions and their graphs, polynomials and rational functions, inverse functions; coordinate geometry; exponential, logarithmic and trigonometric functions; three-dimensional coordinates and graph sketching. Problem session required.

111F, S. INTRODUCTORY CALCULUS 6 credits
Slopes, derivatives of elementary functions, extremal problems, curve sketching; areas and integrals, techniques of integration. Problem session required. Prerequisite: Mathematics 100 or satisfactory score on departmental test.

112F, S. MULTIVARIABLE CALCULUS 6 credits
Vectors, functions of several variables and their graphical representations, partial derivatives, directional derivatives; multiple integration, cylindrical and spherical coordinates, simple techniques of solving differential equations of first order. Problem session required. Prerequisite: Mathematics 111.

122W. ELEMENTARY PROBABILITY AND STATISTICS 6 credits
Sample spaces, counting techniques, conditional probability, random variables (discrete and continuous), special distributions including binomial, Poisson, uniform, and normal. Estimation and sampling, hypothesis-testing, regression and correlation. Problem session required. Prerequisite: Mathematics 111.

198W. DIRECTED INDIVIDUAL STUDY 6 credits
Topics selected from set theory, groups, number theory, foundations, history. Prerequisite: Consent of the instructor.

213F. LINEAR ALGEBRA 6 credits
Vectors and vector spaces, linear equations, matrices, determinants, linear transformations, inner product, orthogonality, characteristic roots and vectors. Prerequisite: Mathematics 112.

214S. THEORY OF CALCULUS AND DIFFERENTIAL EQUATIONS 6 credits
Limits; techniques of integration and differentiation; improper integrals, infinite series, power series; theory of linear differential equations with applications. Prerequisite: Mathematics 213.

298W. DIRECTED INDIVIDUAL STUDY 6 credits
Topics selected from set theory, groups, number theory, foundations, history. Prerequisite: Consent of the instructor.

315F. ADVANCED MULTIVARIABLE CALCULUS 6 credits
Vector product, identities, curl, divergence, gradient, del operator, general orthogonal representation of these operators; Green's, divergence, and Stokes' theorems; Fourier series; boundary value problems. Prerequisite: Mathematics 214.

316S. ALGEBRAIC STRUCTURES 6 credits
Number systems, groups, rings, unique factorization domains, fields. Prerequisite: Mathematics 213.

327F. PROBABILITY AND STATISTICS 6 credits
Estimators, sampling theory, decision theory, testing hypotheses, correlation, regression, and prediction. Prerequisite: Mathematics 122. (Not offered 1967-68).

328W. NUMERICAL ANALYSIS 4 or 6 credits
Flow charting, 1620 Fortran; numerical techniques in interpolation, integration, algebraic and differential equations, matrix inversion, and curve fitting. Prerequisite: Mathematics 214.

398W. SELF-DIRECTED STUDY 6 credits
Topics selected from differential equations, function spaces, and other advanced topics in Mathematics. Prerequisite: Consent of the instructor.

409. TOPOLOGY 6 credits
Metric spaces, topological spaces, connectedness, compactness. Prerequisite: Mathematics 316. (1967-68).

411S. REAL VARIABLE THEORY 6 credits
Real number system, set theory, Euclidean spaces, uniform continuity, uniform convergence. Prerequisite: Mathematics 315. (Not offered 1967-68).

413. COMPLEX ANALYSIS 6 credits
Cauchy-Riemann equations, analytic functions, complex series and integrals, conformal mapping. Prerequisite: Mathematics 315. (1967-68).

499W. INDEPENDENT STUDY

Music

Woodbury (*Head*), Brockman, Carlo, Carter, Gallo, Gleason,* Rosazza

For the Bachelor of Arts candidate with a major in Music approximately one third of the four-year course of study will consist of subjects in music.

Students are expected to elect their major in Music upon entrance to the College. The prerequisite in each field of applied music is listed below, under "Entrance Requirements."

In the freshman and sophomore years the student must complete satisfactorily two years of theoretical music. In addition, the student receives two private lessons a week, with a minimum of two hours a day practice, in his chosen field of applied music during the full four years. Examination of technical and musical progress will be given at the end of the first and third terms of each year.

The candidate for the degree must have made satisfactory achievement in the study of History of Music, Literature and Materials of Music, and have participated in ensemble and repertoire groups.

*On leave of absence 1967-68.

Piano as a secondary instrument is required of all applied majors, subject to departmental satisfaction. One public recital program must be given, and participation in, and attendance at, student recitals is required.

The requirements for entrance and graduation as set forth in this catalogue are in accordance with the regulations of the National Association of Schools of Music, in which the department holds full membership.

ENTRANCE REQUIREMENTS

To enter the four-year degree course in:

ORGAN:

The student should have completed sufficient piano study to enable him to perform some of the Bach Inventions and the easier Mozart, Haydn and Beethoven Sonatas. The student will also be asked to play one of the major and minor scales in a moderate tempo.

PIANO:

The student should be prepared to play the major and minor scales and arpeggios in all keys and to read at sight simple piano literature. In addition, the student must play three compositions chosen from the following list:

1. A Two-part Invention of Bach.
2. One of the easier Sonatas of Haydn, Mozart or Beethoven.
3. A Nocturne of Chopin or one of the Fantasy Pieces of Schumann.

STRINGS: (Violin, Viola, 'Cello)

The student must demonstrate an adequate technical foundation based on scales and études, and perform a Concerto by Vivaldi, a Sonata by Tartini, or an equivalent work of this school.

VOICE:

The student should be able to sing with musical intelligence standard songs in English. He should also demonstrate his ability to read a simple song at sight.

GRADUATION REQUIREMENTS

In order to graduate the student must:

ORGAN:

Study the principles of organ technique and interpretation through the performance of works selected from all periods of composition. Basic requirements of service playing will be included.

PIANO:

Perform several of the major keyboard works of J. S. Bach and Beethoven, shorter pieces by Brahms, Chopin, Schumann and Debussy; examples of contemporary music, including works by American composers. The student is expected to read at sight with reasonable accuracy and fluency.

STRINGS: (Violin)

Perform satisfactorily scales and arpeggios in three octaves; studies by Kreutzer and Fiorillo; standard concerti and sonatas by Bach, Handel, Mozart and Viotti; shorter representative pieces (first two years) and in the third and fourth years, studies equal in difficulty to those of Rode and Paganini; Bach sonatas for violin alone, advanced concerti and sonatas from the classic, romantic, and modern repertoire. Two years of ensemble and study of the viola are also required.

(N.B.—Those majoring in Viola and 'Cello will pursue a comparable program of study).

VOICE:

Exhibit command of breathing, phrasing, and musical style and sing satisfactorily works from the standard repertoire, as well as oratorio and opera arias and contemporary art songs.

COMPOSITION:

Show unusual aptitude in theoretical courses and possess marked creative ability (first two years); in third and fourth years he must be able to compose in the larger forms of the sonata, fugue, etc., as well as in lyric forms of the song and the instrumental piece.

COURSE PLAN: MUSIC MAJORS

All music majors will pursue the same course of study of theoretical music and meet the applied music requirements in their chosen fields.

A total of 74 credit hours are required for a major in music. Eighteen of these hours will be taken in the applied field.

FRESHMAN AND SOPHOMORE YEARS

Literature and Materials I and II
Applied Music I and II

JUNIOR AND SENIOR YEARS

Applied Music III and IV
History of Music
Independent Study
Departmental Integration

COURSES FOR MUSIC MAJORS ONLY

104F, 105W, 106S. Literature and Materials of Music I 4 credits

A composite course of materials approached through the processes of sight recognition, sound recognition and analysis. Literature embodying these materials will receive equal emphasis.

204F, 205W, 206S. Literature and Materials of Music II 4 credits

A composite course extending the materials of Part I. Literature to be emphasized will include vocal polyphony of the 16th century, music from the Baroque, and analysis of Bach's "Musical Offering" and the "Art of Fugue."

Applied Music 6 credits per year

121F, 122W, 123S

221F, 222W, 223S

321F, 322W, 323S

421F, 422W, 423S

324F, 325W, 326S. History of Music 4 credits

398Wa or b, 498Wa or b. Independent Study 6 credits

Departmental Integration 4 credits
(Senior Year)

COURSES FOR NON-MUSIC MAJORS

198 Wa or b. Directed Individual Study for Freshmen 4 or 6 credits

201F, 201S. Fundamentals of Music 4 credits

A course designed to introduce the student to the rudiments of music, with emphasis on their application to intelligent listening.



207F, 208S. Introduction to Music Literature I and II 4 credits

A course designed to introduce the student to the widely varying styles, forms, and compositional techniques in the history and development of the art of music. Prerequisite: Music 201 or equivalent.

298Wa or b. Directed Individual Study for Sophomores 4 or 6 credits

Philosophy and Religion

Stone (*Head*), Conway, Darrah, Wavell

A student majoring in Philosophy should study:

Types of Philosophy (203)

Ethics (208)

Introduction to Logic (223)

History of Early Western Philosophy (301)

History of Modern Philosophy (303, 304)

In the third and fourth years he should take 36 other credits in philosophy courses, including some work in directed individual study or independent study.

The Philosophy major is urged to make as wide a selection in related courses as possible in consultation with the adviser. The specific courses he chooses will depend upon the area of his special interest in philosophy.

198Wa, 198Wb. DIRECTED INDIVIDUAL STUDY 6 credits

201F. THE OLD TESTAMENT 4 credits
A study of the literature and religion of the Old Testament.

202S. THE NEW TESTAMENT 4 credits
A study of the content, character, hope and promise of the New Testament.

203F. TYPES OF PHILOSOPHY 4 credits
A comparison of several points of view in philosophy in terms of issues of continuing importance. Emphasis is placed upon methods for unifying individual beliefs.

208S. ETHICS 4 credits
A study of various insights into the nature of wisdom and goodness and their effectiveness as guides for human attitudes and actions.

210S. PHILOSOPHY OF SCIENCE 4 credits
A non-technical study of the development of scientific concepts from Galileo to the present day. Emphasis is placed on the philosophical and cultural consequences of these ideas.

223F. INTRODUCTION TO LOGIC 4 credits
A course in the theory of logic. Emphasis is placed upon contemporary developments that promote analytical habits of reasoning.

298W. DIRECTED INDIVIDUAL STUDY 6 credits

301F. HISTORY OF EARLY WESTERN PHILOSOPHY 4 credits
The development of philosophy in ancient Greece. Special emphasis will be given to the concepts which have molded Western thinking in Democritus, Socrates, Plato, Aristotle, and the Stoics. Prerequisite: one course in Philosophy.

302S. PLATO 4 credits
A study and discussion of the principal Platonic dialogues and their influence upon Western thought. (Not offered 1967-68).

303S. HISTORY OF MODERN PHILOSOPHY I 4 credits
The development of empiricism in the 17th and 18th centuries. Emphasis will be placed upon the philosophies of Bacon, Hobbes, Locke, Berkeley, and Hume. (1967-1968).

304S. HISTORY OF MODERN PHILOSOPHY II 4 credits
The development of European rationalism. The philosophers chosen for special emphasis are Descartes, Spinoza, Leibnitz, and Kant. (Not offered 1967-68).

306F. PHILOSOPHY OF THE RECENT PAST 4 credits
A study of selected philosophers of the 19th and 20th centuries. Special attention will be given to Hegel, Kierkegaard, Nietzsche, and the contemporary existentialists. Prerequisite: one course in Philosophy or consent of the instructor.

309S. CONTEMPORARY PHILOSOPHY 4 credits
A study of the more important contemporary philosophical movements. Primary emphasis will be given to Philosophical Analysis, Pragmatism, Phenomenology, Logical Positivism, and Modern Realism. Prerequisite: one course in Philosophy or consent of the instructor. (Not offered 1967-68).

310S. SCIENTIFIC CONCEPTS AND METHODS 4 credits
A critical discussion of the presuppositions, methods, and principal concepts employed in science. Except for science majors, a preliminary course in philosophy is advised. Alternates with Philosophy 345. (Not offered 1967-68).

312S. AESTHETICS 4 credits
A study of the philosophical problems posed by art. This course is recommended for art majors.

315S. SOCIAL AND POLITICAL PHILOSOPHY 4 credits
An examination of social contract theory, natural rights, punishment, the nature of freedom and of justice. Readings will be chosen from the "classical" authors (Hobbes, Locke and Hume) as well as from those of the contemporary "analytic" school. Prerequisite: one course in Philosophy or consent of the instructor. (Not offered 1967-68).

317W. PHILOSOPHY OF RELIGION 4 credits
A study of the philosophical problems posed by religious experience, values and claims to knowledge. This will include an examination of the arguments for and against the existence of God and of the main theories of God's nature. Prerequisite: one course in Philosophy. (Not offered 1967-68).

345W. MATHEMATICAL LOGIC 4 credits
A course of modern symbolic logic, providing an exact foundation of mathematical reasoning. Prerequisite: Mathematics 112 or Introduction to Logic. (1967-68).

398W. SELF-DIRECTED STUDY 4 credits
Study and discussion of selected topics in Philosophy. The program of study is planned by the instructor with each student.

491F, 492S. (SENIOR COURSE) SYNTHESIS AND VALUE VECTORS 4 credits
A study of the methods of inquiry appropriate to the basic facts in each of the fields of knowledge with the object of unifying the diverse elements of the student's education. With this as a base the student is expected to construct his own philosophy and to test it in terms of its capacity to help solve the practical problems of everyday life. (Admission by nomination of a faculty member in his major field). Open only to Seniors.

498W. SELF-DIRECTED STUDY 4 credits

Physical Education

Justice (*Director*), Coffie, Copeland, Howell, Jarnigan, Mack, Meisel, Peeples

Students enrolled in Physical Education classes and those participating in intramural sports should have a physical examination each year. No student may enter any activity for which he is not physically fit.

Students bringing certificates of disability from personal physicians must have the certificates endorsed by the College physician before they will be accepted by the Department.

PHYSICAL EDUCATION FOR MEN

Men students are required to register for six terms of Physical Education and must participate satisfactorily in P.E. 101, 102, and 103. It is strongly

recommended that the required program be completed during the freshman year. Students who have not fulfilled their six terms of Physical Education satisfactorily by the end of the winter term of their junior year will be placed on regular probation or dismissed. The program required for transfer students to Rollins College is adjusted on an individual basis by the Director of Men's Physical Education. All freshmen and transfer students must take and pass the Rollins College swimming test at the beginning of the Fall term, or register for swimming instruction.

The physical education requirement may be waived or altered for individual students for any of the following reasons:

1. Upon recommendation of the College Physician.
2. For inability to meet the standards of selected courses after regular attendance and conscientious effort, upon the recommendation of the Director of Men's Physical Education and with the approval of the Dean of the College.
3. For transfer students who enter Rollins College with six hours credit or a portion thereof.
4. Men over the age of 26 are exempt.
5. For other exceptional cases, upon recommendation of the Director of Men's Physical Education and with the approval of the Dean of the College.

Regular attendance is necessary to meet requirements of the College. It is the policy of the department that irregular attendance automatically results in "failure" for the term.

THE CURRICULUM FOR MEN:

1. Required Program

P.E. 101MF, 101MW, 101MS: PHYSICAL FITNESS

To be taken in the freshman year, fall, winter, or spring term, as assigned by the Director of Men's Physical Education.

P.E. 102MF, 102MW, 102MS: TEAM SPORT

To be taken any term during the freshman year. Choice of flag football, basketball, volleyball, or softball. A Varsity or Junior Varsity team sport (baseball, basketball, crew, soccer) will satisfy this requirement.

P.E. 103MF, 103MW, 103MS: INDIVIDUAL OR DUAL SPORT

To be taken any term during the freshman year. Choice of archery, bowling, canoeing, golf, handball, life-saving, paddleball, riding, sailing, swimming, water safety instructor, water-skiing, and scuba diving.

2. Elective Program

P. E. 201MF.

Choice of any one of the following: archery, basketball, bowling, crew, flag football, golf, life-saving, paddleball, riding, sailing, scuba diving, soccer, swimming, tennis, and water-skiing.

P.E. 202MW.

Choice of any one of the following: archery, basketball, bowling, baseball, canoeing, crew, golf, riding, sailing, paddleball, tennis, volleyball, and water-skiing.

P.E. 203MS.

Choice of any one of the following: archery, baseball, bowling, crew, golf, life-saving, paddleball, riding, sailing, scuba diving, swimming, softball, tennis, water safety instructor, and water-skiing.

Activities in the Elective Program may be added or withdrawn at the discretion of the Director of Physical Education and the Dean of the College.

INTRAMURAL ATHLETICS

The Rollins College intramural program affords an opportunity for all students to participate voluntarily in competitive sports of their choosing.

Teams representing fraternities, independents, and faculty compete. A trophy is awarded to the team receiving the greatest number of points during the college year. Sports include basketball, bowling, flag football, golf, paddleball, sailing, soccer, softball, swimming, tennis, table tennis, track and volleyball.

EQUIPMENT

The College will furnish all necessary playing equipment for physical education and intramural sports with the exception of golf and tennis. Students are required to purchase a standard uniform consisting of a shirt, shorts, socks, and supporter. The uniform is sold at a cost that normally does not exceed \$4.00 at the Physical Education Office.

PHYSICAL EDUCATION FOR WOMEN

Women students are required to register for six terms of physical education. The specific requirements are one term of an individual sport, one term of dance, and one term of a team sport. The remaining three terms are elective. Students who have not fulfilled their six terms of Physical Education satisfactorily by the end of the winter term of their junior year will be placed on regular probation or dismissed. All freshmen and transfer students must take and pass the Rollins College swimming test at the beginning of the Fall term or register for swimming instruction.

EQUIPMENT

Each entering woman is required to purchase regulation college uniforms and such equipment as may be needed. The College will furnish all necessary equipment for intramural activities except tennis and golf.

ACTIVITIES FOR WOMEN

The following activities are open to women students whose physical examinations show that their health permits participation. Activities may be added or withdrawn at the discretion of the Director of Physical Education and the Dean of the College.

Fall term: archery, basketball, bowling, dance, golf, life-saving, paddleball, riding, sailing, scuba diving, swimming, tennis, and water-skiing.

Winter term: archery, bowling, canoeing, dance, field hockey, golf, paddleball, riding, sailing, softball, tennis.

Spring term: archery, bowling, canoeing, dance, golf, paddleball, Red Cross life-saving and Instructors' Course, riding, sailing, scuba diving, swimming, tennis, volleyball, and water-skiing.

INTRAMURAL ACTIVITIES

The Rollins College intramural program affords an opportunity for all students to participate voluntarily in competitive sports of their choosing. Teams representing sororities and independents compete. Trophies are awarded to the winning team in each sport.

INTERCOLLEGIATE ACTIVITIES

An intercollegiate tennis and golf varsity program is available for the highly skilled student.

Physics

Ross (*Head*), Mulson, Pearce

Students planning to major in Physics should take mathematics and physics in their freshman

year. Principles of Chemistry should also be taken early in the program. A Physics major must take Physics 221, 307-309, 311, 314-316, and 317-318.

Students expecting to enter graduate school are advised to take courses in advanced mathematics, physical chemistry and German.

198Wa. Wb. DIRECTED INDIVIDUAL STUDY 6 credits
Intensive class and laboratory study of a selected topic.

205F, 206S. PRINCIPLES OF PHYSICS 6 credits
Fundamental course for science majors, covering basic concepts and conservation principles in mechanics, electricity, and modern physics. With laboratory. Corequisite: Mathematics 111.

221W. ELECTRONICS 6 credits
Theoretical and graphical analyses of D.C. and A.C. circuits with passive and active circuit elements. Transistors, vacuum tubes, gas-filled tubes, and basic circuits will be studied and used in the laboratory. Electronic instruments for research in biology, chemistry, and physics will be emphasized. Prerequisites: Physics 205 and consent of instructor.

307F, 309S. MECHANICS 4 credits
An analytical course covering particles, systems of particles, and rigid bodies through the use of Newtonian, Lagrangian, Hamiltonian, and Relativistic mechanics. Prerequisites: Physics 206 and Mathematics 214.

311W. OPTICS 6 credits
Geometrical and physical optics: reflection, refraction, interference, Fraunhofer and Fresnel diffraction, polarization. Laboratory experiments correlated with theory. Prerequisite: Physics 205.

314F. ELECTROSTATICS AND MAGNETOSTATICS 4 credits
A study of time-independent electric and magnetic forces and fields in vacuum, in conductors, and in dielectric materials. Includes vector treatment of topics foundational for Maxwell's equations and electromagnetic wave theory. Prerequisites: Physics 206 and Mathematics 112.

316S. ELECTROMAGNETISM

4 credits

Vector treatment of magnetic and electromagnetic phenomena. Ferromagnetism. Modern charged-particle-accelerators. Ampere's line integral law. Faraday's law, and Maxwell's equations for electromagnetic radiation. Prerequisites: Physics 221 and 314.

317F, 318S. MODERN PHYSICS

4 credits

The elements of atomic and nuclear physics: electron interactions, theory of atomic structure, radioactivity, nuclear reactions, and fundamental particles. Prerequisite: Physics 206.

401F, 402W, 403S. ADVANCED LABORATORY

PRACTICE

4 or 6 credits

Experimental work chosen to suit the requirements of individual students. Arrangements should be made with the instructor.

441F, 443S. QUANTUM MECHANICS

4 credits

An introduction to, and application of, the Schrödinger Wave Equation to such problems as the hydrogen atom, harmonic oscillator, and potential barriers. Approximate solutions will also be studied. Prerequisites: Physics 318 and Mathematics 214 or consent of instructor.

449W. INDEPENDENT STUDY

Selected topics from the areas of relativity, plasma physics, or solid state phenomena. Consent of instructor required.

Pre-Medicine

A student who intends to study medicine should take as broad training in scientific and general cultural courses as possible in college besides the specific courses that are required for medical study. The minimum requirements of most medical schools of this country include:

Biological Science Foundation Course (FC121, 122)

Comparative Anatomy of Vertebrates (Biology 323, 324)

Embryology of Vertebrates (Biology 327)

Principles of Chemistry (Chemistry 205, 206)

Organic Chemistry (Chemistry 311, 312, 313)

Principles of Physics (Physics 205, 206)

The student should also have an understanding of college calculus as well as at least one year of English, and a reading knowledge of modern language. For a Bachelor's degree from Rollins, the student must, in addition, complete a major in biology or chemistry or have a minimum of 30 credits in advanced courses in science that, in the opinion of his major professor, would be useful as preliminary training for medical schools. A choice of the following may be suggested:

Genetics (Biology 308)

Microbiology (Biology 328)

Molecular and Cellular Biology (Biology 451, 452)

Analytical Chemistry (Chemistry 211, 330, 331)

Physical Chemistry (Chemistry 305, 406, 407)

Independent Study in Biology or Chemistry



Secretarial Courses

201F, S. PERSONAL USE SHORTHAND *Non-credit only*
Complete coverage of Gregg shorthand theory, with such development of proficiency in writing from dictation and in limited transcription as may be possible in time available.

211F, S. PERSONAL USE TYPEWRITING *Non-credit only*
Complete coverage of the keyboard, and application of typewriting skill to preparation of letters, memoranda, simple tables, and manuscripts.

Theatre Arts and Speech

Juergens (*Head*), Amlund, Graunke, Nisbet

THEATRE ARTS

A student who majors in Theatre Arts should be able to demonstrate, through performance, an understanding of and proficiency in the basic principles of acting, directing, design, and production skills; and through a comprehensive examination, knowledge and understanding of the major areas in the history of the theatre and drama. To achieve this end, every student will take certain specified courses in his major field and participate in at least two major dramatic events each year. At the end of the sophomore year each student will be evaluated by the theatre staff to determine if he is qualified to continue the major. In addition, every student must successfully pass comprehensive written and/or oral examinations by the end of the winter term of the senior year.

Required courses: (Emphasis in Acting and Directing)

The Theatre Today (121, 122)
Beginning Acting (251, 252)
Technical Theatre (261)
Advanced Acting (304, 305)

Senior Practicum: Directing (401, 402)
Theatre Workshop (298, 398)
Senior Divisional Seminar

Recommended Courses:

Technical Theatre (262)
Playwrighting (320)
Shakespeare (Eng. 317, 318)
Two terms of Development of the Drama (Eng. 351, 352) or Twentieth Century Drama (Eng. 363, 364)

Required Courses: (Emphasis in Technical Theatre and Design)

The Theatre Today (121, 122)
Technical Theatre (261, 262)
Design for the Theatre (307, 308)
Senior Practicum: Design (401, 402)
Theatre Workshop (298, 398)
Senior Divisional Seminar

Recommended Courses:

Principles of Art (Art 131, 132)
Introduction to Art History (Art 201, 202)
Shakespeare (Eng. 317, 318)
Two terms of Development of the Drama (Eng. 351, 352) or Twentieth Century Drama (Eng. 363, 364)

121F, 122S. THE THEATRE TODAY *4 credits each term*
Introductory course presenting the theatre of today in historical perspective; a study of key periods of history of the theatre and drama in relation to what these periods have contributed to the evolution of the modern theatre; survey of the organization and economic structure of Broadway and amateur theatre; study of contemporary play forms, analysis of play structure. Open to all students.

198W. DIRECTED INDIVIDUAL STUDY *4 credits*
Supervised individual research exploring in depth a specific area of study covered in 121, 122 or Humanities Foundation Course.

251F, 252S. BEGINNING ACTING **6 credits**

Fundamentals of acting technique; exercises in relaxation, concentration, observation; script analysis, determination of actor's objectives; preparation of scenes, improvisations. Required of majors, but open to other students.

261F. TECHNICAL THEATRE: STAGECRAFT **6 credits**

Theory and practice in the technical aspects of the design, construction, and painting of scenery, with some consideration of the historical development of the art of stagecraft. Students will work on production crews. Open to all students.

262S. TECHNICAL THEATRE: LIGHTING **6 credits**

Theory and practice in the design and execution of stage lighting, with some consideration of the history of stage lighting. Students will work on production crews. Prerequisite: 261.

298W, 398W. THEATRE WORKSHOP **4 or 6 credits**

Practical work in the production of one-act plays or similar group projects, normally prepared for public performance. Required of all students enrolled in any Theatre Arts course at the 200 level and above, with the exception of Playwrighting.

304F, 305S. ADVANCED ACTING **4 credits**

Continued work with acting technique with increasing emphasis on external aspects, (control of body and voice), and their application to various styles of acting; work on scenes from Shakespeare, the Restoration, Greek tragedy, and comedy. Prerequisite: 252.

307F, 308S. DESIGN FOR THE THEATRE **6 credits**

Advanced study in the theory and practice of stage, costume, and lighting design; study of the history of stage and costume design. The emphasis is on execution of ground plans, sketches and renderings, with practical work in costume construction. Some experience with drafting and painting recommended.

320W. PLAYWRIGHTING **4 or 6 credits**

A study of the basic techniques involved in writing for the stage, applied practically by writing one long or two short plays for the term. May be repeated for credit.

401F, 402S. SENIOR PRACTICUM: DIRECTING AND DESIGN **4 credits**

The senior major discipline course. Seminar in major trends of the modern theatre. Also, individual projects: For

students concentrating in Acting the course will entail a study of the work of the director; students concentrating in Technical Theatre will continue advanced design studies and will design lights or costumes for one or more of the major productions. Prerequisites: 305 or 308 and 262.

498W. INDEPENDENT STUDY **4 or 6 credits**

Research leading to a long paper on any phase of the theatre; preparation for comprehensive examination.

SPEECH

101F, S. FUNDAMENTALS OF SPEECH **4 credits**

Practical work in the fundamentals of public speaking; principles, actual practice, constructive criticism. Open to all students.

201S. VOICE AND DICTION **4 credits**

Designed to improve the speech of the student through practical work on breath control, voice production, resonance, and articulation; study of the International Phonetics Alphabet; individual laboratory work with recordings. Open to all students.

202F. DEBATE **4 credits**

Study of the principles of debate; collection and evaluation of evidence, modes of reasoning, briefing and organizing arguments, the refutation of arguments. Open to all students.

241F. FUNDAMENTALS OF BROADCASTING **4 credits**

This course is designed to present a complete, although rudimentary, approach to all phases of radio broadcasting. Four hours of operating work in the radio station per week and two hours of class are required.

242S. ANNOUNCING **4 credits**

This is a course in announcing for broadcast and film. Two one-hour class periods and four hours of announcing per week in radio station are required.

243W. BROADCAST PRODUCTION **4 credits**

A course in the production of programs for broadcast, including documentary, dramatic, and musical. Four hours of work in radio station and two hours of class work are required. Prerequisite: 241 or equivalent, or consent of instructor.

298W. DIRECTED INDIVIDUAL STUDY **6 credits**

Directed individual study in one of areas of speech: discussion, debate, public address, oral interpretation, speech pathology. Prerequisite: 101 or equivalent.



Personnel

OFFICERS AND TRUSTEES 1967-1968

OFFICERS

Miller Walton, LL.B.
Chairman of the Board

Clarence M. Gay
Vice Chairman of the Board

Hugh Ferguson McKean, A.B., M.A., L.H.D.,
D. Space Ed.
President

Alfred Jackson Hanna, A.B., L.H.D.
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John Meyer Tiedtke, A.B., M.C.S.
Second Vice President and Treasurer

George Walter Johnson, B.S., LL.B., LL.D.
Secretary

Mrs. Rebecca Coleman Wilson, A.B.
First Assistant Secretary

Joseph Shedd Guernsey, B.A.
Second Assistant Secretary

Frederic Harris Ward, A.B.
Assistant Treasurer

TRUSTEES

Terms to expire in 1968

F. Monroe Alleman
Orlando, Florida

Oliver C. Carmichael, A. B., M.A., B.Sc., LL.D.,
Litt.D., L.H.D., D.C.L.
Asheville, North Carolina
(Deceased September 25, 1966)

Coulter Craig
Winter Park, Florida

Robert F. Crane
Winter Park, Florida

Clarence M. Gay
Orlando, Florida

*Herbert W. Hoover, Jr., B.A., LL.D.
Bal Harbour, Florida

William Butler Mills, A.B., A.M., LL.B.
Jacksonville, Florida

Irving J. Reuter, B.S.
Asheville, North Carolina;
Palm Beach, Florida

Mrs. Rebecca Coleman Wilson, A.B.
Winter Park, Florida

Terms to expire in 1969
H. George Carrison, A.B.
Jacksonville, Florida

Olcott H. Deming, A.B.
Washington, D.C.

Joseph Shedd Guernsey, B.A.
Orlando, Florida

Henry T. Heald, M.S., D.S.
New York, New York

Thomas Phillips Johnson, A.B., LL.B., LL.D.
Pittsburgh, Pennsylvania

*Mrs. June Reinhold Myers, B.A.
Ashland, Ohio

Miller Walton, LL.B.
Miami, Florida

G. Tom Willey, M.E., LL.D.
Winter Park, Florida

Terms to expire in 1970
*John G. McKay, Jr., B.A., LL.B.
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Golf, Assistant Basketball

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Resident Head of Casa Iberia

Sir Harold Mitchell, M.A., Dr. ès So. Pol., LL.D.
Research Professor

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Librarian

Elizabeth Carey, A.B., B.S. in L.S.
Acquisitions Head

H. Louise Eberle
Assistant Cataloger and Assistant in Documents

Barbara D. Graham, A.B.
Catalogue Librarian

*On Leave, 1967-68

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Head Reference Librarian

Olive E. Mahony
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Alice V. Neil, Ph.B., B.S. in L.S.
*Librarian, Roy E. Crummer School of Finance
and Business Administration*

Caroline O. Weidner
Films, Periodicals, and Processing Assistant

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*Director of the Beal-Maltbie Shell Museum and the
Thomas R. Baker Museum of Natural Science*

Judy H. Mason, A.B.
Curator of the Beal-Maltbie Shell Museum

Hugh F. McKean, A.B., A.M., L.H.D., D. Space Ed.
Director, Rollins College Museum of Art

Jeannette Genius McKean, D.F.A.
Director, Morse Gallery of Art

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Carol Burnett, B.S., M.Ed., Ed.D.
Director

RADIO STATION WPRK

(To be appointed)
Director

FACULTY 1967-1968

*Dates indicate (1) first appointment at Rollins,
(2) year of receiving present rank.*

CONSULTANTS

William Abbott Constable
*Consultant in English, (1943; 1960)
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THE FACULTY (1967-1968)

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Ph.D., Ball State University

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A.B., Tulane University

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A.B., Williams College; M.F.A., Instituto
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Curtis Institute of Music; B.S., Juilliard School of
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Robert Casadesus

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Part-time Instructor in Physical Education,
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B.Sc. Ed., Ohio State University

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Director of College Testing Center
B.S., Stout Institute; M.Ed., University of South
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A.B., B.S., University of Minnesota

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Associate Professor of Violin and Viola, (1942; 1944)
Graduate, Teacher's Diploma, and post-graduate
study, Juilliard School of Music; graduate, National
Orchestral Association, New York City

John Carter
Professor of Theory, Composition, and Piano,
(1938; 1949)
B.M., Rollins College; graduate study, Juilliard
School of Music; pupil of Roy Harris in composition
and musicology; pupil in piano of Muriel Kerr,
Alton Jones, James Friskin; coached in German
Lieder by Coenraad Bos

George Thomas Cochran
Assistant Professor of Chemistry, (1967; 1967)
B.S., University of Richmond; M.S., University of
Tennessee; Ph.D., Clemson University

Howard Boyd Coffie, Jr.
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Iowa; Ph.D., University of New Mexico

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Assistant Professor of Philosophy, (1963; 1966)
B.A., M.A., Ph.D., Princeton University

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Theodore Stanley Darrah
Dean of the Knowles Memorial Chapel; Professor of
Religion, (1947; 1947)
B.S., S.T.B., Harvard University

- Nina Oliver Dean
Associate Professor of English, (1943; 1947)
 A.B., Mississippi State College for Women; M.A.,
 Columbia University
- Wilbur Dorsett
Associate Professor of English, (1946; 1962)
 A.B., M.A., University of North Carolina
- Paul F. Douglass
*Professor of Government, (1956; 1956); Director;
 Center for Practical Politics*
 A.B., Wesleyan University; A.M., Ph.D., University
 of Cincinnati; LL.D., Wesleyan University
- Evelyn Jensen Draper
Archivist (Instructor), (1957; 1960)
 B.S. in L.S., Simmons College
- William Thomas Edwards
Professor of Education, (1961; 1961)
 B.A.E., M.A.E., University of Florida; Ph.D., Ohio
 State University
- David W. Epley, (1967; 1967)
Assistant Professor of Economics
 B.A., Harvard University;
 M.P.I.A., Ph.D., University of Pittsburgh
- Adolphus Ross Evans
*Associate Professor of Business Administration,
 (1949; 1949)*
 B.A.E., University of Florida; M.S., Columbia
 University; C.P.A., Florida
- William G. Fletcher
*Associate Professor of Latin American Studies,
 (1964; 1965); Director of Latin American Activities;
 Head, Department of History and Public Affairs;
 Chairman, Social Sciences Foundation Course*
 A.B., Clark University; M.A., Ph.D., Yale
 University
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*Associate Professor of English, (1961; 1961);
 Head, Department of English*
 A.B., Princeton University; M.A., University of
 Rochester; Certificat, Sorbonne, Université de Paris
- Fred Ford
*Instructor in Business Administration (1967; 1967),
 Patrick Air Force Base Branch*
 B.S., Wharton School, University of Pennsylvania;
 M.B.A., Temple University
- William K. Gallo
Assistant Professor of Music, (1967; 1967)
 B.S., University of Illinois; M.A., The Catholic
 University
- *Catharine Crozier Gleason
*Associate Professor of Organ, (1955; 1962);
 Organist of the Knowles Memorial Chapel*
 B.M., Artist's Diploma; M.M., Eastman School of
 Music of the University of Rochester; studied organ
 with Harold Gleason and Joseph Bonnet; Mus.D.
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Catalogue Librarian (Instructor), (1952; 1952)
 A.B., Rollins College; Graduate, University of
 Wisconsin Library School
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*Irving Bacheller Professor of Creative Writing,
 (1933; 1940)*
 A.B., Columbia University; Litt.D.
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Assistant Professor of Speech, (1967; 1967)
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Assistant Professor of Art History, (1966; 1966)
 B.A., West Virginia Wesleyan College; M.A., Florida
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*First Vice President; Weddell Professor of History of
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*On Leave, 1967-68

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A.B., Vassar; B.L.S., Columbia University; Ed.M.,
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Assistant Professor of English, (1967; 1967)
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Fleetwood D. Peeples

Instructor in Physical Education, (1922; 1922)

Alberta LuElla Pennington

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B.M., Westminster Choir College; graduate study,
Conservatoire Americain, Fontainebleau;
Conservatoire National de Musique Paris; pupil of
John F. Williamson, Martial Singher, Charles
Panzera, Nadia Boulanger

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B.S., United States Military Academy at West Point;
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Charles August Welsh

*Professor of Business Administration, (1955; 1962),
Dean of Roy E. Crummer School of Finance and
Business Administration; Director, Master of
Commercial Science Program; Head,
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*Assistant Professor of Mathematics, (1964; 1967),
Patrick Air Force Base Branch
B.S., United States Naval Academy at Annapolis;
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*Assistant Professor of English, (1967; 1967)
B.A., M.A., Mississippi College; Ph.D., University
of Missouri*

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*Assistant Professor of Education, (1966; 1966);
Assistant Director, Graduate Program in Education
A.B., Davidson College; M.A., Appalachian State
Teachers College; Ed.D., Duke University*

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*Registrar; Associate Professor of Mathematics,
(1957; 1966)
B.A., Intermountain Union College; M.A.,
University of Washington*

Ward Woodbury

*Associate Professor of Music, (1966; 1966)
Director of Music; Head, Department of Music
B.A., Western State College of Colorado; M.A.,
Ph.D., University of Rochester, Eastman School of
Music*

Burton Wright, Jr.

*Assistant Professor of Psychology, (1966; 1966)
B.S., M.S., University of Washington*

Valys Zilius

*Assistant Professor of Russian, (1967; 1967);
A.B., Boston University; M.A., University of
Pennsylvania*

DIVISIONS OF THE COLLEGE

For administrative purposes the departments of the College are organized in four divisions as follows:

HUMANITIES: English, Foreign Languages, Philosophy and Religion

EXPRESSIVE ARTS: Art, Music, Theatre Arts and Speech

SCIENCE AND MATHEMATICS: Biology, Chemistry, Mathematics, Physics

SOCIAL SCIENCES: Behavioral Science (Anthropology, Sociology, Psychology, Education), Economics, History and Public Affairs (History, Area Studies and Geography, Political Science)

GENERAL SUMMARY FOR FALL TERM 1966-1967

Men Students	557
Women Students	459

Total Enrollment Regular Students	1016
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Students Enrolled in Central Florida School for Continuing Studies

Program for Fall of 1966

Men	1315
Women	462
Total	1777

Students Enrolled in Graduate Courses in Business Administration, Physics, and Education for Fall of 1966

Men	487
Women	180
Total	667

SUMMARY OF ENROLLMENT

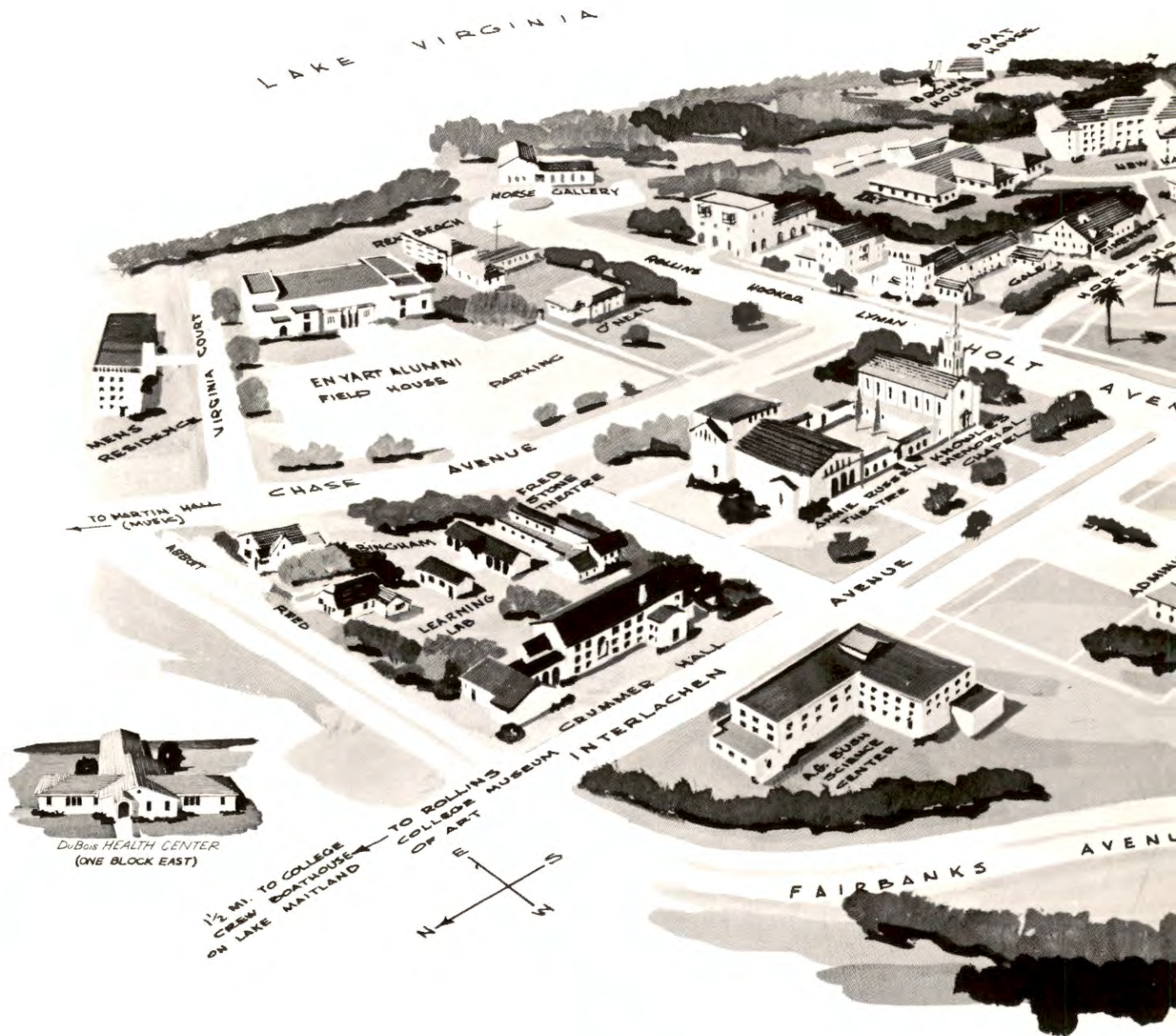
Fall Term 1966-1967

GEOGRAPHICAL DISTRIBUTION OF REGULAR STUDENTS

Alabama	6	Missouri	10
Arkansas	4	Nebraska	1
California	9	New Hampshire	5
Colorado	2	New Jersey	47
Connecticut	59	New Mexico	1
Delaware	4	New York	91
Dist. of Col.	9	North Carolina	17
Florida	367	Ohio	50
Georgia	15	Oklahoma	7
Illinois	27	Oregon	1
Indiana	8	Pennsylvania	46
Iowa	4	Rhode Island	4
Kansas	1	South Carolina	3
Kentucky	17	Tennessee	16
Louisiana	5	Texas	14
Maine	6	Vermont	3
Maryland	23	Virginia	28
Massachusetts	48	West Virginia	2
Michigan	7	Wisconsin	5
Minnesota	5	Canal Zone	3
Mississippi	4	Virgin Islands	1

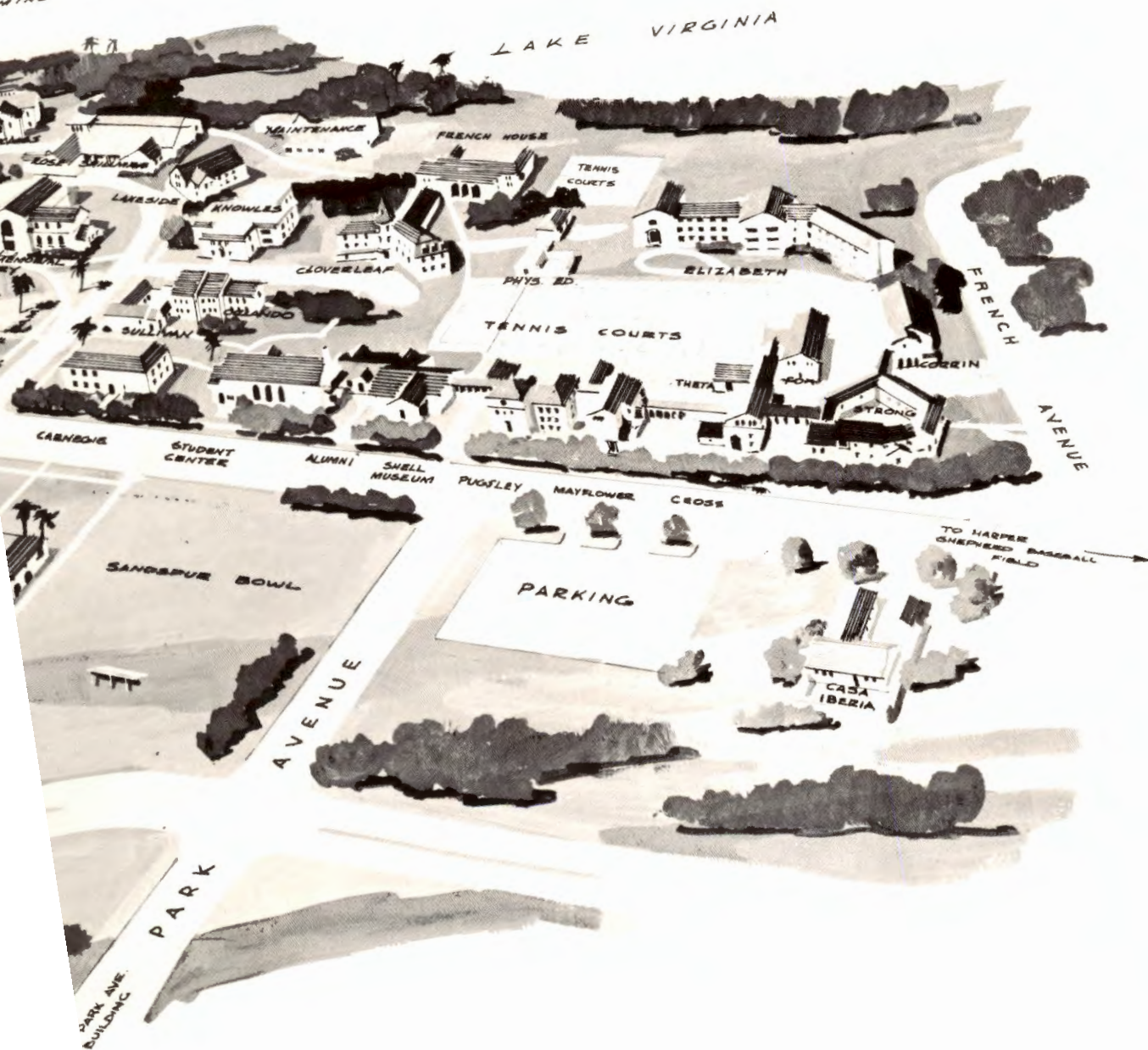
Foreign Countries

Argentina	2	Iran	1
Austria	1	Italy	1
Bahamas	4	Jamaica	1
Bermuda	4	Malaysia	1
Brazil	1	Netherlands	1
Canada	3	Nicaragua	1
Colombia	1	Norway	1
Dominican Republic	1	Peru	2
Greece	1	Philippines	1
Guatemala	1	Rep. of Panama	1
Hong Kong	1		



Archibald Granville Bush Science Center and Enyart Alumni Field House to be completed in 1968.

WING - DIVING



Campus Map

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